

August 19, 2021 • 310 Meeting

Call to Order: The Gallatin Conservation District Board of Supervisors met on August 19, 2021. Chairman Mike Hansen called the 310 meeting to order at 4:00 pm.

Supervisors Present: Mike Hansen, Bob Logar, Briana Schultz (zoom), Loren Blanksma, Sherwin Leep, Tammy Swinney, and Jason Camp.

Supervisors Absent:

Staff present: Becky Clements, Sydney Lyons, Leia Miller, Gillian Rowe

Guests Present: Matt Johnson (RESPEC), Buddy Drake (FWP), Chris Mahoney (NRCS), Dale and Dixie Deeter (GD 13C-21), Mace Mangold (WGM). Zoom attendees: Representative Gillette, Holly Hill (GWC), Nick Banish (GLWQD).

1. 310 Applications

- a. Application Number: GD 47-21** Inspection Date: August 10, 2021
- Applicant: NorthWestern Energy
- Landowner: USDA-Forest Service- Custer Gallatin NF
- Contractor/Agent:
- Perennial Stream: Hebgen Lake
- Type of Project: Recreation (docks, marinas, etc.)
- Purpose: To upgrade the Hebgen Dam Day Use Site, repair damage to the ADA-accessible fishing pier, and provide amenities and facilities to accommodate site use while providing for public safety.
- Proposed Construction Date: Start date: 8/1/2021 Finish date: 12/31/2021
- Inspection Recommendation: Approval as proposed.
- Inspection Comments: Recommend add riprap at new shore and concrete base to prevent continued wave action erosion. 318 waiver issued.
- Discussion: Project is doing very little that impacts 310 laws. Only reinforcement of bank is jurisdictional. None of the other work is jurisdictional. Rock right at toe of concrete is recommended to prevent further erosion.
- Decision: Loren Blanksma motioned to approve as proposed with 15 day waiver with recommendations. Bob Logar supported. All in favor, motion carries.
- b. Application Number: GD 48-21** Inspection Date: August 10, 2021
- Applicant: Dennis Davaz
- Landowner: Woosley Land & Livestock LLC, c/o Lyle Woosley
- Contractor/Agent: Dennis Davaz
- Perennial Stream: UN trib Middle Fork, Muddy Creek
- Type of Project: Culvert Construction
- Purpose: To install culvert to access timber.
- Proposed Construction Date: Start date: 8/23/2021 Finish date: 8/23/2031
- Inspection Recommendation: Approval with modifications.

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Inspection Comments: Upgrade pipe to 24". Otherwise, recommend approval as proposed with a 15 day waiver. 318 waiver issued.

Discussion: Logging being done. Road crossings need to be installed. Marshy system with barely a channel. Recommended a larger culvert size due to larger culverts upstream. Inspection team notes that logging company designed the permits. Excellent job and attention to details. They're doing work that doesn't necessarily need to be done but benefits the resource. Acknowledge the good work of the applicant.

Decision: Sherwin Leep motioned to grant approval with inspection comments/modifications. 15 day waiver. Jason Camp seconded. All in favor. Motion carries.

c. Application Number: GD 49-21

Inspection Date: August 10, 2021

Applicant: Dennis Davaz

Landowner: Woosley Land & Livestock LLC, c/o Lyle Woosley

Contractor/Agent: Dennis Davaz

Perennial Stream: UN trib, Middle Fork, Muddy Creek

Type of Project: Improved Ford

Purpose: To provide stable road surface on old established ford crossing in order to haul logs.

Proposed Construction Date: Start date: 8/24/2021 Finish date: 8/24/2021

Inspection Recommendation: Approval as proposed.

Inspection Comments: Nice location for an exit ford. 15 day waiver recommended. 318 waiver issued.

Discussion: Same situation as previous, but rather than a culvert, utilizing a pile of rocks. Smooth it out to be used to drive on rather than tearing up the mountainside during logging operations.

Decision: Bob Logar motioned to approve as proposed with 15 day waiver. Briana Schultz supported. All in favor, motion carries.

d. Application Number: GD 50-21

Inspection Date: August 10, 2021

Applicant: Dennis Davaz

Landowner: Woosley Land & Livestock LLC, c/o Lyle Woosley

Contractor/Agent: Dennis Davaz

Perennial Stream: UN trib, Middle Fork, Muddy Creek

Type of Project: Culvert Construction

Purpose: To install culvert on existing route to haul logs.

Proposed Construction Date: Start date: 8/23/2021 Finish date: 8/23/2021

Inspection Recommendation: Approval with modifications.

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Inspection Comments: Change pipe to 24". Otherwise approve as proposed with 15 day waiver. 318 waiver issued.

Discussion: Same story as GD 48-21. Upped size due to drainage as a modification.

Decision: Bob Logar motioned to approve as modified with 15 day waiver. Jason Camp supported. All in favor, motion carries.

e. Application Number: GD 51-21

Inspection Date: August 10, 2021

Applicant: Dennis Davaz

Landowner: Woosley Land & Livestock LLC, c/o Lyle Woosley

Contractor/Agent: Dennis Davaz

Perennial Stream: Middle Fork, Muddy Creek

Type of Project: Culvert Removal, Bank Stabilization

Purpose: To remove culvert, partially washed out in 100 year event. Do not anticipate needing as a crossing site in the foreseeable future.

Proposed Construction Date: Start date: 8/26/2021 Finish date: 8/26/2021

Inspection Recommendation: Approval as proposed.

Inspection Comments: Needs removing. Pipe failed years ago. Thank you, Ry! 15 day waiver recommended. 318 waiver issued.

Discussion: Large culvert, blown out by past gully washer. Road still intact. Going to remove the pipe, repair the road.

Decision: Tammy Swinney motioned to approve as proposed with 15 day waiver. Loren Blanksma supported. All in favor, motion carries.

2. Complaints:

a. Complaint Number: GD 13C-21

Inspection Date: August 10, 2021

Complainant: Ronald Spoon

Complainee/Landowner: Dixie Deeter

Contractor/Agent:

Perennial Stream: Jefferson River

Complaint: Extensive placement of rock rip-rap was observed from a boat on May 25, 2021. Previously, natural rock "barbs" were constructed in the vicinity and approved by Gallatin CD.

Inspection Recommendation: Activity has been initiated on a perennial flowing stream without a valid permit.

Inspection Comments: Discuss at meeting.

Discussion: Inspection team reports- the spot has been approved for 2 other applications before. One in mid 1990s, the other in 2017. Buddy reports he had priorly been to the site with the landowners, at request of former GCD administrator, to explain the 310 process and procedures. Since last permit in 2017,

extensive amounts of riprap have been installed upstream and downstream of home, due to more erosion taking place. Landowners declined to share who did the riprap work. Several hundred yards long. Not installed correctly and will actually cause more erosion. Riparian habitat has been decimated by the amount of rock that is there. Landowners of the opinion that the CD should not have a say and has been "responsible" for the failures in the past. FWP thinks the riprap needs to be removed and CD needs to take a hard stance to prevent others from doing the same going forward. Rock/violation is quite severe. Buddy stated that, in his opinion, erosion is not occurring at a rate that justifies the amount of rock placement. Toe of bank is not being protected from scouring. Engineer needs to be hired to help to ensure this is fixed correctly. Currently no way to control how this rock will be eroded, which exacerbates the problem. Landowner presented maps to the board to be studied. Landowner admitted they did violate the law, which they recently studied at the library. Desired goal has always been to protect house and orchard. Barbs were tried and didn't fix the problem. Railroad and transmission lines are present. Fire department also uses the road the provide services. Landowner stated he has experience in the area stemming from prior military and work experience. River has 8-10 knot current at high water. Railroad has pulled soil out of area to build up their railroad grade. Barbs were placed close to house- ½ mile of property line is being protected. Put a lot of money into this to try to save their house/property/retirement. Landowner states he is doing his best to save his property. DNRC has been working with them since 2003 on the orchard and lots of money has gone into the orchard. Without the riprap, the river will take their house and orchard and destroy their retirement. They don't have money to put into this any further. Admits they screwed up. Relied on people they thought were knowledgeable. Thought he was doing the right thing, but evidently not. Buddy- water has lateral movement, but greatest pressure is downstream. Amount of rock upstream is actually making the problem worse. Ron Spoon (FWP) says the river responds to large amounts of rock. His opinion is that this area of the river, however, is unlikely to have a large response. Bank is on edge of terrace, large floodplain on the other side. Not eroding rapidly as it has the space across the river. He recommends a 310 application to incorporate some of the rock to protect the house and some of the area, but current amount of rock is way too much and could cause problem in very high water activity. Landowner admits the design and placement of rock was his idea and thought process. Buddy thinks the rock will be relatively easy to remove, as it was apparently easy to install, but is too heavy handed, making problem

worse. Rock is large- and a lot of same size. Should be different sized to interlock together. Buddy points out the rock is marketable product- can be sold to help offset cost. Landowner states there is a membrane between rock/bank and river, so to reduce sedimentation into river. Landowner states he is the one who executed the placement and does have the means to remove it. But he thinks this will be detrimental due to erosion that will occur. Buddy states a trench or toe should have been installed to prevent erosion, and thinks rock near the house could be kept, but the rest of it should go. The amount of rock that is there is likely harming the river. Need to integrate larger and smaller rock into this. Mike H suggests going back to Confluence, who originally installed the barbs. Explain the problem and what has transpired and explain that the barbs they installed didn't work. Board understands the need to protect the property, but thinks an engineer needs to be involved in fixing this to ensure more erosion doesn't keep happening. Tough violation. Board works hard to not approve riprap. A lot softer approaches are preferred. Mike encourages landowner to work with Confluence and get a 310 application submitted. Landowner states he understands and appreciates those comments but doesn't have the funds to do it. Landowner states that every year, more and more of the land erodes. It was suggested to look into funding opportunities that other watershed groups might offer.

Sherwin advised that he doesn't think it is going to be exceptionally expensive to get a plan and some materials. Rock should be removed before high water and there is a window of opportunity to address this now- being low water. Sympathies from the board to the landowner. Egregious violation though. Landowner needs to make steps to try to address this. Chris from NRCS states there are some funding/grants available. Volunteers available. Watershed groups can help. Chris will help them with finding funding. Board thinks Confluence should be willing to address this and be willing to help them in an efficient manner.

Discussion to submit 310 application, with the help of engineering company, to get approved before high water in the spring. Engineer will know which riprap needs to come completely out. Submit one 310 application, rather than two, to remove the riprap and then end up having to place some back in. Landowner wants the rocks kept at end of driveway, which protects the orchards and needs of the fire department. Work with engineer to address that. Landowner is remorseful and apologetic.

Decision: Bob Logar motioned to acknowledge complaint as a violation of 310 law. Plan will need to be submitted to address the work that has been done without the permit. Looking for 310 application to be submitted by the October meeting. Goal of having the riprap removal addressed appropriately by end of March. Part of the application should include the reutilization of riprap, as appropriate, to protect their property and home. Tammy Swinney seconded. All in favor, motion carries.

3. 310 Emergency Applications:

a. Application Number: GD 03E-21 Inspection Date: August 10, 2021
Applicant: Scott Kimm
Landowner:
Contractor/Agent:
Perennial Stream: Gallatin River
Purpose: Kughen Ditch- not enough water coming down river channel where the Kughen ditch head gate is located.

Action Taken: Re-route water from another main channel into channel where the water was needed. Basically, build a couple of rock dams to divert water.

Date Emergency Action was Taken: Start date: 6/30/2021 Finish date: 6/30/2021
Inspection Recommendation: Approved- no further action by applicant.
Inspection Comments: Check details of Low-Line irrigation maintenance permit. Recent work by Low-line triggered need for this emergency work. Needs coordinated, larger scale solution.

Discussion Low Line Canal had been in the area the week before to get their water and cut off the Kughen ditch. Inspection team thinks Low Line may have violated their permit. Problem with both these points of diversion is it's 3 feet lower on the other side of the river- so continually chasing water. Think the ditches need to work together to address this. Possibly engage AGAI to address the points of diversion and fix both ditches. Buddy volunteers to head this up. Buddy will give Walt Sales a call and stay on top of it. Buddy thinks nothing is warranted at this point, but a long term solution needs to be addressed with a solid engineering plan.

Decision: Bob Logar motioned to acknowledge. Sherwin Leep supported. All in favor, motion carries.

b. Application Number: GD 04E-21 Inspection Date: August 10, 2021

Applicant: Martin Westland

Landowner: Jeff Higgins

Contractor/Agent:

Perennial Stream: Middle Creek

Purpose: The entrance to the west channel of Middle Creek had been entirely filled in with soil and rock during the construction of a fence. Thus, it was necessary to remove that material, as well as naturally deposited alluvials from the channel.

Action Taken: Cleared approximately 120 feet of channel, being mindful to remove only those materials that were blocking the channel. Once the channel was cleared of the obstructing fill, and downhill bank restored, an adequate stream flowed down the west fork. In completing this work, a number of man-made obstructions that significantly affected the stream flow were found. These obstructions included household or camping trash, plastic sheeting, logs apparently placed over the channel to serve as foot bridges, several short blocks cut from logs- as if for firewood, slash- apparently from clearing land adjacent to the stream bed, and two significant dams built from stone. The dams were obviously man-made for the supposed purpose of creating foot bridges or ponds. Additionally, a 38" in diameter boulder was found, sitting in and effectively blocking the west fork approximately 140 feet downstream from the mouth of the fork. These obstructions collectively restricted water flow into the west fork and were removed.

Date Emergency Action was Taken: Start date: 7/12/2021 Finish date: 7/13/2021

Inspection Recommendation: Modified

Inspection Comments: Remove excess spoils piles from excavation out of floodplain.

Discussion: Have been on this site multiple times. Marty reactivated his channel for his ditch as a result of work done by Higgins (prior complaint). Spoils piles currently are in a 2-3 foot pile along recently trenched channel. This will make a mess in the spring with high water; piles will erode and cause sedimentation in the channel. Need to get spoils piles out of there before inspection team is onsite again with the Higgins violation (anticipated September or October 2021). Comment that cleaning out of other spoils piles and debris needs to have 310 permit as this is not part of current maintenance permit. Buddy thinks Bos' and Westland's could work together in the future, as their headgates are so close together. Both are fighting the

same problem.

Decision: Jason Camp motioned to acknowledge. Bob Logar supported. All in favor.
Motion carries.

4. Other 310 Business: None

5. 310 Old Business:

6. Public Comments on District 310 Permitting Business: None

7. Adjournment of 310 Meeting: 5:40pm

August 19, 2021 • Business Meeting

Call to Order: The Gallatin Conservation District Board of Supervisors met on August 19, 2021. Chairman Mike Hansen called the business meeting to order at 6:00 pm.

Supervisors Present: Mike Hansen, Bob Logar, Briana Schultz (zoom), Loren Blanksma, Sherwin Leep, Tammy Swinney, and Jason Camp.

Supervisors Absent:

Staff present: Becky Clements, Sydney Lyons, Leia Miller, Gillian Rowe

Guests Present: Matt Johnson (RESPEC), Buddy Drake (FWP), Chris Mahoney (NRCS), Mace Mangold (WGM). Zoom attendees: Representative Gillette, Holly Hill (GWC), Nick Banish (GLWQD).

1. Guests & Public Comments on District Business Meeting-
 - a. Mace Mangold- looking for letter of support to legislature for ARPA fundings. Whole corridor of development that are on individual septic systems. This is impacting Gallatin River nitrogen loads. Looking to construct a treatment plant to take the load off the aquifer. Switches Big Sky to a reduced consumption aquifer. More water + better water in the Gallatin. This has been needed for years. Need enough funding to get existing users an affordable rate. Ultimately will increase potential for development but will be a better for the resource to accommodate this growth that is going to come, with or without this. Bob Logar motioned to support this effort from the GCD. Multiple supports. All in favor, motion carries. Need letter asap- within 5 days.
2. Grants/Agreements/Contract Report - See Spreadsheet – Attachment A
 - a. Bridger Foothills CS-requested to give a report a to board on individual project outcomes/site visits.
3. Cost-share Program:
 - a. Discussion on procedures. Especially the potential to cost share with those that are needing to fix an issue and financially strapped. Discussion on the precedence this might set though. General agreement on cost sharing for green engineering preferable.
4. Well-Testing Cost-share Program:

5. Consensus Agenda
 - a. July Meeting Minutes- Bob Logar motioned to approve. Jason Camp supported. All in favor, motion carries.
 - b. Excused Absence of board members- all in attendance.
6. NRCS- Attachment B
 - a. Report – application deadlines incorrect- should read 10/15. Same with CSP.
 - i. 319 Grants for ACO apps. District could help with this. Chris will work with Elizabeth to help fund these projects. Similar set up to the Camp/Godfrey Creek projects GCD assists with.
 - ii. Bureau of Reclamation- smart water grant potentials- research for help with irrigation/combine canals/etc...
7. Supervisor Report: Planning Boards
 - a. Planning board- Manhattan- no meeting this month
 - b. County Planning Board- No report
 - c. GLWQD- Nick Banish reports- development of county separate storm sewer system classification. Prompted by Upper Missouri Watershed.
 - i. A couple of positions open with GLWQD
 - ii. New groundwater pump- excited about that!
 - d. MACD update- wavering on convention-whether in person or virtually. Area meetings are set to be in person. Gayla Wortman resigned her director position. MACD looking to hire America Planning Grant Coordinator- AmeriCorps position.
8. Staff Reports
 - a. Administrator’s Report- Becky- Attachment C
 - i. Expenses- If budgeted line item- \$1000 limit.
 - ii. Not on budget- over \$100 get approval.
 - b. NRS Report- Elizabeth- Attachment D
 - i. Bob Logar motioned to approve travel accommodations for Elizabeth and Sydney for Augusta workshop. All in favor, motion carries.
 - c. Education and Outreach Director- Sydney- Attachment E
 - i. Working on outreach and workshops.

- d. Education Specialist Report- Leia – Attachment F
 - e. MCC Fellow Report- Gillian- Attachment G
9. Old Business
- a. Main Street Office Space
 - i. 586-6500- Dustin- Management Associates- Loren mentioned he expressed interested in property management in Manhattan.
 - ii. Give Nancy the ok to lease property.
 - iii. Use net rental income for conservation uses/projects/grants. Use rent received from both properties. To be considered on a year to year basis. Increase cost share, cash max for grants, etc....
 - b. Other old business?
10. New Business
- a. 10/05/21 Area 6 Meeting- Hosting: Broadwater
 - b. Resolutions- Include on March agenda for 2022- ask for ideas.
 - c. MACD Strategic Planning – Supervisor Survey
 - a. Supervisors will email responses to Becky ASAP.
 - d. DNRC 310 administration grant contract- Approved
 - e. November board meeting- Bob Logar motioned to skip November board meetings going forward, as was presently the practice in years prior. Pass any 310 issues to December. Sherwin Leep supported.
 - f. Other new business?
11. Parking Lot
- a. Edging in the garden
 - b. Conference Room electrical upgrade
 - c. Soundproofing Office Space(s)
 - d. QuickBooks revamp
 - e. Property Management Company
12. CD Seminars/Workshops:

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13. Accounting (Deposit, Credit Card, Invoices) + Updated P&L, Balance Sheet – Sherwin Leep motioned to accept, Support by Jason Camp. All in favor, motion carries.
14. Adjournment of Business Meeting- Bob Logar motioned to adjourn at 7:58. Loren Blanksma supported. All in favor, motion carries.

Minutes approved by Michael J. Hunter Date 9/16/2021

Attachment A

Grant	Funding Provided For:	Sponsored?	Date Approved	Total Amount Requested	Total Amount Funded	Grant Progress (Funds used or committed) (8/13/2021)	Current Amount spent or reimbursed by GCD (8/13/2021)	Final Amount Reimbursed to GCD	Final Report Submitted	Final Report Deadline
DNRC 223 Grant (River Rendezvous) 23G-21-3685	Bus transportation, printing educational materials, and meeting room rental	yes/collaborative - MRCDC	9/27/2020	\$2,200.00	\$2,200.00	\$1,476.81	\$1,193.55			12/31/2021
DNRC Mini Education Grant - Monforton School 23G-21-3683	Plant and Animal Relationship in Montana's forest - field trip	yes - Monforton School	8/10/2020	\$500.00	\$500.00	\$0.00	\$0.00			12/31/2021
Watershed Stewardship Funding MOA#5120-01	Watershed Planning and Stakeholder Engagement in Lower Gallatin Watershed	yes/collaborative - GWC	6/29/2020	\$15,500.00	\$10,975.00	\$1,237.00	\$1,237.00			12/31/2021
MACD Water Quality Mini-Grant MOA#21-04	Rolling Rivers Trailer - Associated educational materials	No but collaborative project with MCC and GWC	4/23/2021	\$1,310.00	\$1,310.00	\$0.00	\$0.00			4/29/2022
Watershed Management Grant (GWC) WMG-20-0073	Lower Gallatin Watershed Project Planning and Community Outreach	yes - GWC	4/3/2020	\$32,037.50	\$8,900.00	\$6,570.00	\$0.00			9/30/2022
Environmental Contingency Account EC-21-024	Bridger Foothill Fire Rehabilitation - cost share projects	No -collaborative project with GWC, weed district & NRCS and others.	3/18/2021	\$200,000.00	\$75,000.00	\$67,500.00	\$21,446.00			12/31/2022
DNRC 223 Grant (NRCS) 23G-20-3681	NRCS Camp/Godfrey Creek Rehabilitation	No but collaborative project with	6/15/2020	\$16,600.00	\$14,000.00	\$13,400.00	\$0.00			12/31/2022
				Total Grant Fund:		\$112,885.00				
Active Grants										
Completed Grants										
Contract not yet finalized										

Attachment B**8/19/2021 District Report****Water Year to Date**

Gallatin:	August, 84%	July, 83%
Madison:	August, 81%	July, 78%
Jefferson:	August, 79%	July, 77%
Yellowstone:	August, 87%	July, 85%

Programs**EQIP:**

Deadlines; Application deadline; Nov 17, 2021

Tip; forestry/fuels reduction Bridgers; 2021-2023

-6 current applications

Will need to ask for additional funding

NWQI; Camp and Godfrey creek; 2022

-1 irrigation improvement application

NWQI 2; Camp and Godfrey creek; 2021

-2 applications; livestock water/fencing; preapproved

TIP; Animal confinement; water quality (2022-2025)

-no current applications; mailing of postcards on 8/13/21

PLANNED; Weed control, fencing, watering facilities, prescribed grazing, seeding (2022-2025); Dry creek, Smith creek and Sixteen mile area.

PLANNED; Dry Creek/Horseshoe hills; juniper removal

Certifying practices

CSP;

Deadline; Application deadline; Nov 17, 2021

Events**Past;**

River Rendezvous; 7/23/2021

Insect and disease training; forestry; 7/28/2021

Fort Ellis Fire station; Aug 2; Timberline subdivision

Fort Ellis Fire Station; Tip/review/picnic; August 12

Future;

Watershed collaborative meeting; Sept 9

MACD; Nov 16-19

Local working group meeting?

November 2021?

Civil rights review; internal NRCS and Conservation district

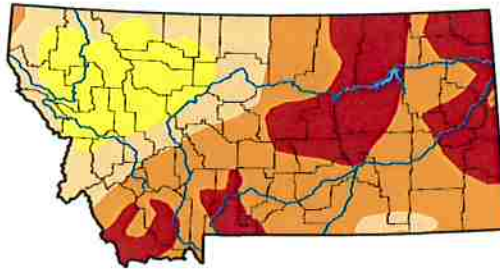
Misc

Covid; Offices closed unless scheduled appointment

Field office is still meeting with producers, planning, and certifying practices

Joint Chiefs; proposal to reduce fuel loading/benefit forest health in Bridgers south through Jackson creek to Bear Canyon across to Gallatin Canyon.

**U.S. Drought Monitor
Montana**



July 6, 2021

(Released Thursday, Jul. 8, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	84.34	65.23	25.90	0.00
Last Week 06-29-2021	7.49	92.51	78.41	60.95	19.94	0.00
3 Months Ago 04-06-2021	16.52	83.48	43.51	18.06	5.60	0.00
Start of Calendar Year 12-26-2020	36.37	63.63	34.41	8.27	0.36	0.00
Start of Water Year 09-26-2020	11.86	88.14	40.59	4.22	0.02	0.00
One Year Ago 07-07-2020	54.82	45.18	9.10	2.22	0.00	0.00

Intensity:

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

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

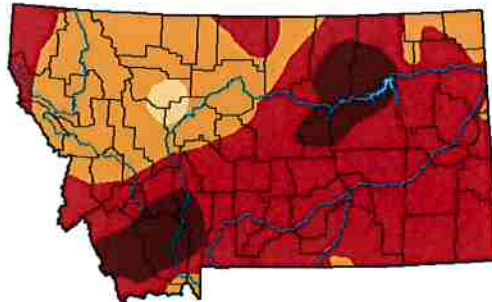
Author:

Deborah Balkus
National Drought Mitigation Center



droughtmonitor.unl.edu

**U.S. Drought Monitor
Montana**



August 10, 2021

(Released Thursday, Aug. 12, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	98.70	88.60	11.52
Last Week 08-02-2021	0.00	100.00	100.00	98.70	88.35	11.51
3 Months Ago 05-17-2021	12.37	87.63	65.62	33.87	15.71	0.00
Start of Calendar Year 12-26-2020	36.37	63.63	34.41	8.27	0.36	0.00
Start of Water Year 09-25-2020	11.86	88.14	40.59	4.22	0.02	0.00
One Year Ago 08-17-2020	61.90	38.10	10.67	0.64	0.00	0.00

Intensity:

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

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

Author:

Richard Tinker
CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

Attachment C

Administrators Report- August 19, 2021

310 Administration

- (5) new 310 applications for review; () reinspection; (2) emergency applications; (1) Complaints; (8) site inspections () jurisdictional questions; () extension requests; () Stream Access Complaint

Accounting

- Paid bills and taxes, PERS and payroll

Media

- Updates to Facebook and website.

Board Meeting

- Information, planning, organization for the August meeting.

Other: Miscellaneous

- Weekly staff meeting- Mondays
- Farmers Market- Season is going well. Good attendance by both vendors and shoppers. Currently have an abundance of produce, which really draws crowds.
 - 2021 season: 6/23-9/15.
 - Senior Nutrition administration.
 - Weekly management of market tasks.
- Lots of 310 work this month- so many calls regarding potential complaints/violations!
 - Complaints about projects that are permitted.
 - Complaints about the drought/irrigators.
 - Complaints submitted with no known address or name of violator.
- SET planning meeting + tasks
- Coordination with electrician for electrical work in EOC. **Project complete!**
- River Rendezvous- last minute prep work + attendance
- Urban supervisor research on re-election procedures + communications with DNRC/lawyers.
- Collaboration meeting with GCD staff + GWC.
- Exempt license plate work. Not worth it!
- AGAI meeting attendance
- Meeting with representative for Senator Daines regarding drought issues.
- MCC mid-term site visit meeting.
- Office Rental addendum- addition of service animal inclusion.
- 941 Q3 filing.

Discussion Items:

- October board meeting change from normal schedule- **Tuesday, October 19th, 9am.**
- Office will be closed October 20-21 for GCD staff to attend SET training.
- Convention attendance approval. Review of costs.
- Staff sweatshirts

Meetings in Conference Room (scheduled):

- AGAI meeting- August 26, 11-1.
- Lower Gallatin Watershed Collaborative Planning Meeting- September 9, 10-12

Upcoming workshops/Meetings (attending):

- SET- (statewide employee training)- 10/20-10/21
- Summer Stewards- every Thursday starting 6/17-8/19
- MFM- every Wednesday starting 6/23-9-15
- Pfeil- Oral arguments presented- 9/8
- Adult Education Workshop Series! First one- 8/17- Reducing and Reusing
- Bozeman Water Conservation workshop- 9/21

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Grants: *See Excel Sheet*

- DNRC 223 Grant (River Rendezvous): The event went great! Thank you for setting up for lunch! Working getting the final invoice totals & the final report completed.
- DNRC Mini Education Grant - Monforton School: No updates since last month.
- MACD (SWCDM) Watershed Stewardship Funding: Will be working on more signage for the EOC to fulfill our deliverables in this grant. Discussing with GWC possible GCD outreach events that may overlap with their deliverables.
- MACD Water Quality Mini Grant: Josh Olsen has the designs & is getting them transferred out of CAD to give to us. I have invited him to the next meeting in case there are technical questions.
- Watershed Management Grant with GWC: GWC has submitted the final report & we should be receiving a check from DNRC soon to reimburse GWC.
- Environmental Contingency Account Grant (Bridger Foothill Relief): 1 of 5 site visits completed & paid out. 1 participant partially reimbursed for weed treatments.
- DNRC 223 Grant (Camp/Godfrey Creek Rehabilitation): Chris took Sydney & I on a tour of the creeks to explain the projects that they have been working on & those that the GCD has contracts for.

Programs & Technical Resources:

- Landowner Assistance Cost-Share:
 - FRCS_02_2021_Deyoe – Site visit completed; reimbursement sent.
 - FRCS_01_2021_Erickson – Partial reimbursement sent for weed treatment.
 - Bridger Fire CS – 4 of 5 Contracts signed & received.
- Pollinator Initiative: Generating a lot of interest! A fall Pollinator Workshop is scheduled for September 29th.
- Water Supply Report: Completed the July report. It is up on the website, Facebook & was sent out via email.

Education & Outreach Programs/Events:

- Summer Stewards: These events have been a great highlight for us & those in the community that attend as often as they can.
- Manhattan Farmer's Market: Corn vendors are starting to show up!

Events/Meetings Attended:

- Gallatin Valley Farm to School Camp event – 7/16
- CD Round Table, 310/AIS discussion – 7/21
- River Rendezvous – 7/23
- Gallatin County Fair – 7/25 (GCD representation as a volunteer)
- Manhattan Farmer's Markets – 7/21, 7/28, 8/4, 8/11
- Summer Stewards – 7/22, 7/29, 8/5, 8/12
- Site Visit – 7/28
- PERC, Elk in Paradise film & panel discussion at MoR – 7/29
- Belgrade Farmer's Market – 8/5
- Tour with Chris Mahony of Camp/Godfrey Creek sites – 8/6
- 310 permit site visits – 8/10
- Governor's Drought & Water Supply Committee call – 8/11
- MT Science Center Camp event (STEAM)– 8/13
- GCD's August adult workshop – 8/17
- CD Round Table, CD owned equipment discussion – 8/18

Upcoming Events:

- MT Science Center Camp event (STEAM) – 8/27
- GISA Open House w/ Online Auction – 8/31
- Range Tour in Malta – 9/8 & 9/9
- Riparian Management Workshop in Augusta – 9/14
- Manhattan Farmer's Market – Every Wednesday until 9/15
- GWC's Fall Tour – TBD

Discussion items:

- Riparian Management Workshop (Flyer & maps attached)
 - Augusta MT, September 14th
 - \$5/person to cover lunch
 - Gallatin CD Office to the Augusta Youth Center & back: 304 miles
 - Option 1: Leave office at 6:00 am September 14th to start at 8:30 am & return to office ~6:00 pm, September 14th (Preferred option).
 - Option 2: Leave office the evening of September 13th to stay overnight in Augusta (~\$90/night) & return to office ~6:00 pm, September 14th.

Respectfully submitted,
Elizabeth Emeline | elizabeth@gallatincd.org

Education and Outreach Staff Report
Sydney Lyons
August 2021

Office:

- Wrote an article about the current drought for Belgrade Newspaper: Conservation Corner. Included several tips for conserving water in the home and outside.
- Finalized details of adult workshops and promoted events via Bozeman magazine website, social media, and flyers.
- Coordinated with Trout Unlimited and the city of West Yellowstone in planning of fall workshop.
- Spoke with staff from various schools in the area to begin planning school-year programs.
- Revised an informational document titled "Living by the Water" to educate community members. Updated document with county-specific information and included ways landowners can prevent pollution, maintain a healthy riparian area, and prevent AIS spread.
- Worked on establishing contact with existing GCD partners.
- Updated GCD and Manhattan Farmers Market social media weekly with various content.
- Created a recycling guide to spread awareness across the county.
- Updated GCD website periodically with upcoming events and updates.
- Organized plans with the Gallatin Watershed Council to prepare for the Gallatin River Cleanup.
- Attended lectures through the United States Forest Service, which educated about bark beetle spread and forest health.
- Garden time: weeding, watering, and upkeep.

Meetings:

- Watershed Stakeholders: Joined members of several other organizations to form a stakeholder group. The purpose of this meeting was to unite and brainstorm ways the group can work together to use and conserve water in the valley most efficiently.
- Gallatin Watershed Council: Met with two members of the council to strengthen partnership and plan future events.
- Advertising meetings: KGLT Marketing Director, Belgrade Newspaper writer, and Outside Bozeman magazine author.
- City of Bozeman Water Conservation District: Two members of this organization will be speaking at an adult workshop held by GCD. We met to plan their presentation and organize details.
- MACD Roundtable: Virtual meeting to focus on AIS education, 310 permitting, and water issues across Montana.
- GCD Staff: Weekly gathering to update each other on current projects, events, and ideas.
- Gallatin Invasive Species Alliance: Jen Mohler visited the office to plan a small acreage management workshop.
- Trout Unlimited: Gathered with Becky, Elizabeth, and Connor Parish from Trout Unlimited to talk about grant opportunities and future partnership.

Events:

- U.S Forest Service Insect and Disease Training: Classroom and field training about beetle kill and impacts on forest health.
- Gallatin Valley Farm to School Camp: Educated children at summer camp about various agricultural and horticultural topics.
- Gallatin Watershed Council Board Meeting: Attended to make connections and inquire about upcoming projects and programs.
- NRCs Tour: Tour given by Chris Mahony throughout Camp and Godfrey Creek sites.
- Summer Stewards: Worked alongside several speakers to present information at weekly

programs. Conducted events at certain stations within each program.

- Manhattan Farmers Market: Set up and ran the manager/GCD tables at the weekly market. Promoted Summer Stewards program, giveaway, and the Pollinator Initiative.
- River Rendezvous: Coordinated with Molly Masters during the event and made sure everything went according to plan/schedule.

Upcoming:

- Manhattan Classic Car Show and Farm Fun booth (8/14)
- MACD roundtable (8/18)
- AGAI meeting (8/26)
- Gallatin River Cleanup (8/29)
- Crail Gardens Open House (8/31)
- Rangeland Tour (9/8-9/9) (Thank you!)
- Riparian Management Workshop (9/14)
- Summer Stewards (Weekly)
- Manhattan Farmers Market (Weekly)
- Adult Education Workshops (Monthly)

Happenings in the Garden and Beyond..

Summer Stewards

- Pollinator Power with Ed & Glee was amazing "our backyard bees"
- Ranch & Farm Heroes, Thank you Jason & Sherwin for helping us out with this one!
- Super Power of Flowers Chris from our farmers Market helped us with this one. Fascinating! only 2 more left :-)

Farmers Markets

- This continues to be a great opportunity to promote our Summer Stewards program and make connections with our community. :-)
- We decorated a zucchini for Cashman Nursery's zucchini contest on Aug 14th

Looking forward to cooler days! Thanks everyone,
Leia Miller

Outreach Opportunities

- Took animals to Gallatin Valley Farm to School camp at Story Mill park
- Aug 13 We take the animals again to MT. Science Center for their "Storybook Steam" camp
- Aug 27 "Go Green" camp. We will bring the worms!
- We entered a group project collage for the fair. It recieved a blue ribbon!

The Garden continues to produce yummy food for the kids and adults... the kids are anticipating the ripening of the pumpkins... Fall Harvest gathering would be fun!

August Board Meeting Agenda - Gillian Rowe

- Montana Rangeland Tour
 - o All board members invited
 - o September 8-9th in Malta
 - o Find agenda in your packet
- Pollinator initiative
 - o Creating a workshop for September 29th
 - o Promoting at farmer's market
 - o Promoting via social media
 - o Promoting through current participants networks
 - o Planning to promote through 4H newsletter, Belgrade Conservation Corner, and fliers around town
 - o Already have new participants signing up
 - o Conducted plot monitoring August 11th and 12th
 - o Let me know if you are interested in joining the program
- EOC Video
 - o Need to do interviews
 - o Wrote up script
 - o Took general videos of the garden
- Other
 - o National Farmers Market week social media and giveaway basket competition
 - o Promoting all programs at Farmers Market
 - o Help with Summer Stewards

2021 Vision: Seeing the Future of Rangeland Health

MONTANA RANGE TOUR

MALTA, MT/SEPT. 8 & 9, 2021



TO REGISTER SCAN QR CODE or
GO TO: <https://www.eventbrite.com/e/155825657737>



Montana
RANGELAND
RESOURCES COMMITTEE



Wednesday, September 8

- 8:30am Registration/Welcome | Breakfast at the Tin Cup
- 9:30 Load buses for French Ranch
- Intensive Grazing—Presented by NRCS Rangeland Specialist Rick Caquelin (retired)
- Soil Health/Dung Beetles—Presented by Patti Ambrister and Craig and Conni French
- 12:00pm Lunch—Catered by PC Cattlewomen
- Drone Usage—Presented by Jason Hanlon, TNC
- 1:00 RSA Conservation Projects—Presented by Pheasants Forever Coordinating Biologist for Ranchers Stewardship Alliance Martin Townsend and TNC Range Ecologist Kelsey Molloy
- 2:00 Cropland Restoration—Presented by Pheasants Forever Coordinating Biologist for Ranchers Stewardship Alliance Martin Townsend and TNC Range Ecologist Kelsey Molloy
- 3:00 Departure

- 6:00pm Banquet/Prime Rib Dinner at the Tin Cup
- Keynote by Dave Naugle
- UM Professor of Large Scale Wildlife Ecology
- 2021 Leopold Conservation Award Winner Presentation
- Phillips Conservation District Conservationist of the Year Award

Thursday, September 9

- 8:00am Breakfast | Catered by Malta FFA
- 8:15 Rural Socioeconomics—Presented by Dr. Julia Haggerty, Associated Professor Resource Geography, Rural Geography, Resilience
- 9:30 Travel to Barthelmess Ranch
- 10:30 eCollar Virtual Grazing—Presented by Leo Barthelmess and Partners for Fish and Wildlife Biologist Marisa Sather
- 12:00pm Departure with Sack Lunch

CONTACTS

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