

## Meeting Details

Topic: GCD Board Meeting  
Time: **4:00pm** Mountain Time (US and Canada)

**Meeting Location: GCD Conference Room- 120 S. 5<sup>th</sup> Street, Suite B102- Manhattan, MT**

Zoom:

<https://us02web.zoom.us/j/82387342193?pwd=qXBsu79bznRemrS90CgZzBpPODGHGU.1>

Meeting ID: 823 8734 2193

Passcode: 286279

Call in: +1 253 215 8782

## 310 MEETING AGENDA

### 1) 310 Applications

<b>Applicant Number:</b>	GD 43-25	<b>Perennial Stream:</b>	Gallatin River
<b>Applicant</b>	Matthew Flynn and Sherwin Leep		
<b>Landowner:</b>	Paul Bottomley		
<b>Contractor/Agent:</b>	Ethan Kamerman		
<b>Type of Project:</b>	Agriculture/ irrigation		
<b>Purpose:</b>	To provide for additional water during low flows to the Hoffman-Weaver ditch for late season irrigation rights. At proposed location, concrete barriers, gravel berm, and/or trees will be used and extend 40-60 ft depending on conditions into the channel. This work will generally be done in July or August each year.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b> 7/1/25	<b>End Date:</b>	10/15/30
<b>Inspection Date:</b>	8/12/25		
<b>Inspection Recommendation</b>	Approval as proposed		
<b>Inspection Comment</b>	Historically the applicants had a 10-year maintenance permit to install a berm and blocks to divert water to the headgate. Applicants took emergency action to build a berm because the permit expired before the work was conducted. Applicants seek a new maintenance permit to continue berming the stream or placing blocks to divert water. If blocks are placed, they should be removed each year at the end of the irrigation season. The project is a reasonable means to meet the stated objective of getting water to the headgate.		
<b>318 Authorization</b>	yes		
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 44-25	<b>Perennial Stream:</b>	Willow Creek
<b>Applicant</b>	Willow Creek Ranch Preserve		
<b>Landowner:</b>	Thomas Louderback		
<b>Contractor/Agent:</b>			
<b>Type of Project:</b>	Channel/Banks, Crossing/Roads		
<b>Purpose:</b>	This project includes laying down steep bank lines, reactivating abandoned channel meanders, narrowing the existing channel, adding bedform (pools, runs, riffles), construction of inset floodplain benches, and planting riparian species throughout the project area.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	9/1/25	<b>End Date:</b> 9/1/25
<b>Inspection Date:</b>	8/15/25		
<b>Inspection Recommendation</b>	See Team Report		
<b>Inspection Comment</b>			
<b>318 Authorization</b>			
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 45-25	<b>Perennial Stream:</b>	West Gallatin River
<b>Applicant</b>	Joe Miller		
<b>Landowner:</b>			
<b>Contractor/Agent:</b>			
<b>Type of Project:</b>	Agriculture/Irrigation		
<b>Purpose:</b>	To conduct annual maintenance to deliver irrigation water to the headgate.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	Start of Season	<b>End Date:</b> End of Season
<b>Inspection Date:</b>	7/8/25		
<b>Inspection Recommendation</b>			
<b>Inspection Comment</b>	This is a follow up application to GD 39-25 and GD 05E-25.		
<b>318 Authorization</b>			
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 46-25	<b>Perennial Stream:</b>	Denny Creek
<b>Applicant</b>	Jeff Osterfeld		
<b>Landowner:</b>	Jeff Osterfeld		
<b>Contractor/Agent:</b>	WWC Engineering		
<b>Type of Project:</b>	Channel/banks, Roads/Crossing		

<b>Purpose:</b>	The applicant intends to remove the existing culverts and restore the streambank to its natural condition following approval of this joint application. The culverts will be removed and disposed of, and the streambank will be restored and revegetated with native vegetation at each location.
<b>Proposed Construction Date:</b>	<b>Start Date:</b> August 2025 <b>End Date:</b> September 2025
<b>Inspection Date:</b>	8/12/25
<b>Inspection Recommendation</b>	Application is to repair riprap that is currently in place. Riparian plantings from previous work has established well. Avoid removing riparian vegetation and root wads.
<b>Inspection Comment</b>	Culverts will be removed and stream will be restored to previous conditions. Match reference widths up and downstream to avoid overwidened channel upon completion. Reslope banks to up and downstream conditions. Tilt top of willow lifts inwards towards center of the creek. Backfill ruts caused by excavator with spoils and place sod transplants over the top. Remove additional spoils and place outside of stream, floodplain, and any other wetland habitats. Applicant will send photos of other crossing due to time constraints.
<b>318 Authorization</b>	Yes
<b>Discussion:</b>	
<b>Decision:</b>	

<b>Applicant Number:</b>	GD 47-25	<b>Perennial Stream:</b>	Rea (Rey) Creek
<b>Applicant</b>	Rey Creek Ranch LLC		
<b>Landowner:</b>			
<b>Contractor/Agent:</b>			
<b>Type of Project:</b>	Agriculture/Irrigation, Channel/Banks, Crossing/Roads		
<b>Purpose:</b>	The proposed work on Rea Creek, a large spring creek tributary to the Gallatin River and that also conveys irrigation water from the Madison River. It has base flows of approximately 40 CFS due to irrigation conveyance. The project reach is significantly degraded, including chronic turbidity and high summer water temperatures. Preliminary turbidity monitoring has identified a major source of sediment to be Sloan Ditch, an irrigation wastewater return that also acts as a drain with perennial flow entering Rea Creek just south of the project reach on the upstream property owners land.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b> 10/1/25	<b>End Date:</b>	9/30/26
<b>Inspection Date:</b>	8/15/25		
<b>Inspection Recommendation</b>	See team report.		
<b>Inspection Comment</b>			
<b>318 Authorization</b>			
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 48-25	<b>Perennial Stream:</b>	Rea (Rey) Creek
<b>Applicant</b>	Dane Alexander		
<b>Landowner:</b>			
<b>Contractor/Agent:</b>	Aqua Tech		
<b>Type of Project:</b>	Agriculture/ Irrigation		
<b>Purpose:</b>	The original pump site for our irrigation system has been abandoned and is in need of maintenance prior to installing a new pump. We plan to remove the existing non-functional pump, screen, and replace it with a new, operational unit.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	8/15/25	<b>End Date:</b> 11/30/25
<b>Inspection Date:</b>	8/15/25		
<b>Inspection Recommendation</b>	See team report.		
<b>Inspection Comment</b>			
<b>318 Authorization</b>			
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 49-25	<b>Perennial Stream:</b>	Sixteenmile Creek
<b>Applicant</b>	Southfork Hole in the Wall LLC		
<b>Landowner:</b>	Katharine Anderson and Kristen Sherwood		
<b>Contractor/Agent:</b>	Garrett Jobe		
<b>Type of Project:</b>	Channel/banks		
<b>Purpose:</b>	Install type 2 limestone rip rap on creek bank to prevent erosion in two locations. First shape bank a 1-1.5 to 1 slope 18 inches below finished grade. Install a non- woven fabric to prevent natural soils from percolating through rip rap. Install rip rap using 12-18 inch material for the base. Sort and place larger rocks first, towards the bottom of the bank. After a layer of 12-18 inch material is placed, use 5-8 inch material to fill any unprotected areas to create more of an even finish surface.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	9/26/25	<b>End Date:</b> 10/15/25
<b>Inspection Date:</b>	8/15/25		
<b>Inspection Recommendation</b>	See team report.		
<b>Inspection Comment</b>			
<b>318 Authorization</b>			
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 50-25	<b>Perennial Stream:</b>	South Cottonwood Creek
<b>Applicant</b>	Amo R DeBernardis		
<b>Landowner:</b>	Paul D Slinde		

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<b>Applicant Number:</b>	GD 50-25	<b>Perennial Stream:</b>	South Cottonwood Creek
<b>Contractor/Agent:</b>	Konor Kelsey		
<b>Type of Project:</b>	Agriculture/Irrigation, Channel/Banks		
<b>Purpose:</b>	With this loss of the existing diversion structure, it will be necessary to build an entire new diversion system. Due to the stream flow and the ability to divert more efficiently the point of diversion will be moved a short distance up stream with a headgate and in stream concrete system to control flows.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	9/15/25	<b>End Date:</b> 12/15/25
<b>Inspection Date:</b>	8/12/25		
<b>Inspection Recommendation</b>	Approval with modifications		
<b>Inspection Comment</b>	Old wooden headgate blew out and needs to be replaced. Proposed headgate will span the entire creek width. New structure will allow a better elevation differential from the headgate to the ditch which should reduce the amount of head differential needed to transport water to the ditch. New section of ditch will be dug. Fill removed from the new ditch section will be used to fill the old headgate footprint. Rip rap will be used to anchor new bank in place. Water will temporarily be diverted into a ditch upstream during construction. Reduce riprap to 3 ft in height, include ditch plug. Any excess fill should be removed and hauled off site. Cooperate with landowner on equipment mobilization, construction, and remediation.		
<b>318 Authorization</b>	Yes		
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 51-25	<b>Perennial Stream:</b>	Gallatin River
<b>Applicant</b>	Ron & Lani Chaney		
<b>Landowner:</b>			
<b>Contractor/Agent:</b>			
<b>Type of Project:</b>	Agriculture/irrigation, Channel/banks		
<b>Purpose:</b>	Restore previously installed bank stabilization. We need to add rock to the damaged areas to bring the riprap back to the level it was. Also need to maintain 2 irrigation diversions. We would place the rock with a tracked excavator.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	10/1/25	<b>End Date:</b> 10/1/30
<b>Inspection Date:</b>	8/12/25		
<b>Inspection Recommendation</b>	Approval with modifications		
<b>Inspection Comment</b>	Application is to repair riprap that is currently in place. Riparian plantings from previous work has established well. Avoid removing riparian vegetation and root wads.		
<b>318 Authorization</b>	yes		
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number:</b>	GD 52-25	<b>Perennial Stream:</b>	Middle Fork West Fork Gallatin River
<b>Applicant</b>	GVLT		
<b>Landowner:</b>	Antler Ridge Homeowners Association		
<b>Contractor/Agent:</b>	WGM, Jeff Dunn		
<b>Type of Project:</b>	Channel/Banks		
<b>Purpose:</b>	<p>Project implementation includes construction of 1 LWD Jam, 20 Post Assisted Log Structures (PALS), 29 Beaver Dam Analogs, and 1 culvert, along with trail decommissioning and construction. The LWD jam is designed to redirect the flow into an historic channel in the middle of the meadow. The PALS are designed to enhance habitat in the historic channel. The BDAs are designed to slow the flow of water through the meadow adjacent to the historic channel and in the existing channel downstream of the LWD jam. The culvert is designed to double the capacity of an existing culvert where the trail crosses and natural side channel. The trail along the top of the eroding streambank will be decommissioned and relocated away from the stream channel. Project plan details are included in <b>Attachment A</b> titled <i>Middle Fork West Fork Gallatin River – Restoration Project 5</i>. This project will be completed using a combination of heavy equipment for installation of the LWD Jam and culvert and manual labor for installation of PALS and BDAs. Woody materials that are appropriate to the landscape setting will be sourced on-site and from nearby areas of Big Sky.</p>		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	9/1/25	<b>End Date:</b> 8/30/26
<b>Inspection Date:</b>	8/12/25		
<b>Inspection Recommendation</b>	See team report		
<b>Inspection Comment</b>			
<b>318 Authorization</b>	Yes		
<b>Discussion:</b>			
<b>Decision:</b>			

2) Emergency Applications

<b>Applicant Number</b>	GD 04E-25	<b>Perennial Stream:</b>	Gallatin River
<b>Applicant</b>	Larry Klompfen, Lewis Ditch Company		
<b>Landowner:</b>	Tim Ryan		
<b>Contractor/Agent:</b>			
<b>Nature of Emergency</b>	Lack of water at split in main channel of source (Gallatin River). Main water flow heading to east. due to debris up stream from previous location we have used. Flows necessitated going upstream, which we felt notice to Gallatin Conservation District was appropriated.		
<b>Action Taken</b>	Contacted the excavator company to check availability and coordinated a work schedule with the landowner, equipment operator, and ditch company. Notified the Gallatin Conservation District regarding the situation and inquired about the process for obtaining an emergency permit. Used a drone to identify the location of the flow split. Traveled upstream to assess the site in person. Cleared debris and excavated a small channel to redirect water flow toward the desired path. Made a preliminary estimation of the flows needed to maintain proper water delivery. Effectiveness remains to be determined, as overall river flows continue to decline.		
<b>Construction Date:</b>	July 3 <sup>rd</sup> , 2025		
<b>Inspection Date:</b>	August 12 <sup>th</sup> , 2025		
<b>Inspection Recommendation:</b>	Approved no further action required by applicant		
<b>Inspection Comments:</b>	Applicants went upstream, outside of their approved maintenance permit to divert water to their headgate located along a side channel. They took reasonable action to direct water towards their headgate. The primary berm they created should wash out during spring runoff. Applicant expressed interest in extending their maintenance permit to include these actions during low water years. Recommend waiting until next year to see how the river moves.		
<b>Discussion:</b>			
<b>Decision:</b>			

<b>Applicant Number</b>	GD 06E-25	<b>Perennial Stream:</b>	Gallatin River
<b>Applicant</b>	Matt Flynn, Sherwin Leep		
<b>Landowner:</b>			
<b>Contractor/Agent:</b>			
<b>Nature of Emergency</b>	Our channel to the headgate was almost dry, barely enough water to run 1 wheel-line on my (Matt Flynn) side. Our maintenance permit expired in February however we thought it covered the 2025 season. (new application has been submitted)		
<b>Action Taken</b>	Used a gravel berm to re-direct water out of one channel of the river to our headgate channel.		
<b>Construction Date:</b>	7/8/25		
<b>Inspection Date:</b>	8/12/25		
<b>Inspection Recommendation:</b>			
<b>Inspection Comments:</b>	See inspection comments for GD 43-25.		
<b>Discussion:</b>			
<b>Decision:</b>			

3) Complaints

4) Extension Request



<b>Applicant Number:</b>	<b>GD 42-23</b>	<b>Perennial Stream:</b>	<b>Dry Creek</b>
<b>Applicant</b>	Trout Unlimited, Connor Parrish		
<b>Landowner:</b>	Miller and Sons Ranch Holdings LLC		
<b>Contractor/Agent:</b>			
<b>Type of Project:</b>	Channel/Banks		
<b>Purpose:</b>	3rd phase of this project. Currently, according to MT DEQ, Dry Creek is not fully supporting aquatic life and primary contact recreation beneficial uses due to historic and current land-use practices. Historic channel realignment, reduced riparian vegetation, and streambank failure association with agriculture have resulted in entrenched channel conditions and large eroding stream banks along much of Dry Creek, which provide a nearly continuous source of fine sediment loading to the stream.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	10/1/23	<b>End Date:</b> 6/1/24
<b>Inspection Date:</b>			
<b>Inspection Recommendation:</b>	Approval as Proposed		
<b>2024 Inspection Comments:</b>	Track record of excellent restoration. This is similar to other previous work.		
<b>318 Authorization Issued?</b>	Yes		
<b>2023 Discussion:</b>	Continuation of the work they've been doing on Dry Creek. Flooding realigned the channel. High flows have caused banks to erode and lots of sedimentation. Using wood in the floodplain within the bankful channel. Mini flow redirection structure- newer practice that they're trying here. Not massive logs that would plug up bridges. Good opportunity to see how this method works over time. Hoping it will help bars, etc to start forming quicker. Not going to anchor the logs. Using a hydrologic post hole driver to pound in some wooden posts. Have done this method in other areas and so far, those are holding up. Flood set them back, had to redo some designs, but this will be a good continuation of what they've been doing before.		
<b>2023 Decision:</b>	Bob Logar motioned to approve. Tammy Swinney seconded. All in favor, motion carries.		
<b>2024 Discussion:</b>	Extension requested. Wasn't able to start project last fall, planning to start this fall.		
<b>2024 Decision:</b>	This one still doesn't have a 404, which is the cause of the delay. Loren Blanksma motioned to grant a one-year extension from original extension date. Multiple seconds. All in favor, motion carried.		
<b>Extension Request Reason</b>	I want to see the project handle one more spring runoff since this year runoff in Dry Creek was pretty nonexistent!		
<b>2025 Discussion:</b>			

<b>Applicant Number:</b>	<b>GD 42-23</b>	<b>Perennial Stream:</b>	<b>Dry Creek</b>
<b>Applicant</b>	Trout Unlimited, Connor Parrish		
<b>Landowner:</b>	Miller and Sons Ranch Holdings LLC		
<b>Contractor/Agent:</b>			
<b>Type of Project:</b>	Channel/Banks		
<b>Purpose:</b>	3rd phase of this project. Currently, according to MT DEQ, Dry Creek is not fully supporting aquatic life and primary contact recreation beneficial uses due to historic and current land-use practices. Historic channel realignment, reduced riparian vegetation, and streambank failure association with agriculture have resulted in entrenched channel conditions and large eroding stream banks along much of Dry Creek, which provide a nearly continuous source of fine sediment loading to the stream.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	10/1/23	<b>End Date:</b> 6/1/24
<b>Inspection Date:</b>			
<b>Inspection Recommendation:</b>	Approval as Proposed		
<b>2024 Inspection Comments:</b>	Track record of excellent restoration. This is similar to other previous work.		
<b>318 Authorization Issued?</b>	Yes		
<b>2025 Decision:</b>			

<b>Applicant Number:</b>	<b>GD 61-24</b>	<b>Perennial Stream:</b>	<b>Cattail Creek</b>
<b>Applicant</b>	Blake Bernard		
<b>Landowner:</b>	Rob Lateiner		
<b>Contractor/Agent:</b>	Morrison-Maierle- Christine Percy		
<b>Type of Project:</b>	Crossing/Roads		
<b>Purpose:</b>	The overall project includes development of the new Turn row Subdivision. This Joint Application focuses on the areas of wetland/waterway impacts due to construction of sidewalks, grading, road widening, and access associated with this subdivision.		
<b>Proposed Construction Date:</b>	<b>Start Date:</b>	11/1/25	<b>End Date:</b> 9/1/25
<b>Inspection Date:</b>	9/10/24		
<b>Inspection Recommendation:</b>	Approval with Modification		
<b>2024 Inspection Comments:</b>	Recommended adding bank protection at inlet of east culvert and outlet of middle culvert. Culvert countersink of 6” and incorporate substrate at fish resting structures.		
<b>318 Authorization Issued?</b>	Yes		
<b>2024 Discussion:</b>	New subdivision. Sidewalk, and road crossings. First culvert does not have much flexibility on location. Some flexibility on where the path crosses. 60” culverts for each. Briana mentions they are designed for the substantial runoff events.		
<b>2024 Decision:</b>	Tammy Swinney motions to approve with modifications with changes mentioned in the inspection comments. Loren Blanksma seconded. All in favor, motion carried.		
<b>Extension Request Reason</b>	Virga Capital is requesting a permit extension because initial construction activities were delayed for a variety of reasons. It is anticipated that construction will occur during the 2026 construction season.		
<b>2025 Discussion:</b>			
<b>2025 Decision:</b>			

### Other 310 Business:

#### 5) New Business

#### 6) 310 Old Business:

- a. Staged rip-rap on Bridger Creek

- 7) 310 Coordinator's Report- Audra
- 8) Public Comments on District 310 Permitting Business

Adjournment of 310 Meeting

BUSINESS MEETING AGENDA

1) Guests & Public Comments on District Business Meeting-

- a. Ilene Casey: Lower Creamery Ditch Headgate Project- RRGL Sponsorship Request

2) Governance Calendar

- a. GCD Newsletter + Water Supply Outlook report out on 8/1.
- b. 941 Q3-1- 8/8/25
- c. Positive Pay to GC Treasury- 7/18/25

3) Cost Share Applications

- a. CS-03-25 DCIC Final Report
- b. WTCS\_01\_26\_ ROTH - \$228.00

Consensus Agenda

- c. July Meeting Minutes –
- d. Excused Absence of Board Members –

4) NRCS

- a. Introduction of Acting State Conservationist
- b. Report

5) Supervisor Report: Planning Boards

- a. Planning Board- Manhattan-
- b. County Planning Board-
- c. GLWQD-
- d. MACD Update –
- e. Gallatin Watershed Collaborative-
- f. DNRC Update- see report

6) Staff Reports

- a. Administrator - Becky -
- b. Natural Resource Specialist- Elizabeth –
  - i. Grants/Agreements/Contract Report –
- c. Education and Outreach Director- Bea
- d. Education Assistant – Leia
- e. Hannah Report
- f. Rebecca- AGAI

7) Old Business

- a. Hot water heater
- b. Other old business?

8) New Business

- a. Other new business?

9) Parking Lot

- a. County Planning Board representative
  - i) Associate supervisor(s)
- b. Professional Development-

10) Accounting (Deposit, Credit Card, Invoices) + Updated P&L, Balance Sheet

11) Adjournment of Business Meeting-