

July 18, 2024
4:00pm

GALLATIN CONSERVATION DISTRICT

Topic: GCD June Board Meeting
Time: July 18, 2024 • 4:00 pm Mountain Time (US and Canada)

Meeting Location: GCD Conference Room- 120 S. 5th Street, Suite B102- Manhattan, MT

Zoom:

<https://us02web.zoom.us/j/81502143242?pwd=qHHc8Uu22EcsbKczM0lOG9qBGplPa.1>

Meeting ID: 815 0214 3242

Passcode: 724455

Call in: +1 253 215 8782

310 MEETING AGENDA

Meeting Called to Order

1. 310 Inspection Reports: Ready for Discussion and Board Decision

a	Applicant Number: GD 44-24	Perennial Stream:	East Gallatin River
	Applicant	Beverly and Kelly Murphy	
	Landowner:	Beverly and Kelly Murphy	
	Contractor/Agent:		
	Type of Project:	Vegetation Removal	
	Purpose:	Move two fallen cottonwood trees that span the river and raise concern about safety for river users	
	Proposed Construction Date:	Start Date: 8/4/24	End Date: 8/5/24
	Inspection Date:	7/11/24	
	Inspection Recommendation:	Approval as Proposed	
	Inspection Comments:	Project should have minimal impacts to the river and improve boater safety. Biomass of the fallen tree will remain within the system which will help maintain habitat. Spawning closure for work period October 1- November 15.	
	318 Authorization Complete	Yes	
	Discussion:		
	Decision:		

b	Applicant Number: GD 45-24	Perennial Stream:	East Gallatin River
	Applicant	Kevin Christensen	
	Landowner:	ADB Companies	
	Contractor/Agent:		
	Type of Project:	Infrastructure Development	

July 18, 2024
4:00pm

GALLATIN CONSERVATION DISTRICT

Purpose: Installation of conduit and Fiber. Install will be completed by bore.

Proposed Construction Date: **Start Date:** 7/23/24 **End Date:** 7/27/24

Inspection Date: Not Inspected

Inspection Recommendation:

Inspection Comments:

318 Authorization Complete N/A

June Discussion

June Decision

c	Applicant Number: GD 46-24	Perennial Stream:	Gallatin River
----------	-----------------------------------	--------------------------	----------------

Applicant Jim Dasilva/ Mike Boylan

Landowner: MT FWP

Contractor/Agent: Jim Dasilva Construction

Type of Project: Channel/ Bank Project

Purpose: Remediation for case number **04C-24**. Restore bank to its prior condition and seed with native grass.

Proposed Construction Dates: **Start Date:** 7/27/24 **End Date:** 7/28/24

Inspection Date: 6/13/24

Inspection Recommendation:

Inspection Comments: Follow up on violation 04C-24

318 Authorization Complete No

Discussion:

Decision:

d	Applicant Number: GD 47-24	Perennial Stream:	Hyalite Creek
----------	-----------------------------------	--------------------------	---------------

Applicant Riverwood One, LLC

Landowner: Riverwood One, LLC

Contractor/Agent: Rocky Mountain Concrete

Type of Project: Road/Crossing

Purpose: As part of the subdivision for Bridger Shadows West and Bridger Shadows East, new public roads were constructed, of which cross over Hyalite Creek for public access and requirements for public connectivity and emergency services to adjoining subdivisions. This

application is specific to the creek crossing over Hyalite Creek, via Emerger Trail. In order to span the bed and banks, and avoid the need for bypass pumping of the channel and/or temporary re-routing of the creeks, the project incorporated a bridge crossing that spans the bed and banks of Hyalite Creek. The project incorporated a 45'-bridge, with a bridge opening of 42'10" wide, which clear spans the approximate 20 ft wide water way. The bridge consists of dimensions of approximately 46.5-ft (backwall-backwall) with minimum 24 ft wide drive surface assembled on poured concrete footings. Footings excavated and poured outside of the creek bed and banks, and bridge assembled and set via crane.

Proposed Construction Dates: Completed
Inspection Date: 6/13/24
Inspection Recommendation:
Inspection Comments: Follow up on violation 03C-24
318 Authorization Complete No
Discussion:
Decision:

2. Complaints

a Applicant Number: GD 05C-24	Perennial Stream: West Gallatin River
--------------------------------------	--

Complainant: Representative of Moreland Ditch
Nature of Complaint Tampering with riprap on the bank of West Gallatin River. Close to Moreland Ditch Channel
Verification of Alleged Violation: Photos taken on 6/10/24
Inspection Date: 7/11/24
Inspection Recommendation: Activity has been initiated on a perennial flowing stream without a valid permit.
Inspection Comments: Board Discussion
Discussion:
Decision:

3. Emergency Applications:

July 18, 2024
4:00pm

GALLATIN CONSERVATION DISTRICT

4. Extension Requests:

a	Applicant Number: GD 38-23	Perennial Stream:	UT to Gallatin River
	Applicant	Kane Hudson	
	Landowner:		
	Contractor/Agent:		
	Type of Project:	Agricultural and Irrigation	
	Purpose:	To Reopen the drain path from the Gallatin River to the existing path. Project placed on hold by landowner due to fire on the ranch.	
	Proposed Construction Date:	Start Date:	End Date:
	Inspection Date:	July 11 th , 2023	
	Inspection Recommendation:	Approval with Modifications	
	2023 Inspection Comments:	To get water to the headgate @ Jefferson Island RD. They need to excavate 15'x50'x2', Approximately 200 yards upstream to live water. All spoils will be removed from the active channel and placed out of 100 year floodplain.	
	318 Authorization Issued?	Yes	
	2023 Discussion:	Not getting water, migrating away from their side channel. Excavate a small channel so that they can keep irrigating.	
	2023 Decision:	Mike Hansen motioned to grant final approval with modifications and 15 day waiver. Jason Camp supported. All in favor, motion carried.	
	2024 Discussion:		
	2024 Decision:		

b	Applicant Number: GD 40-23	Perennial Stream:	Hebgen Lake
	Applicant	Kingsley Murphy	
	Landowner:	Kingsley Murphy	
	Contractor/Agent:		
	Type of Project:	Channel/Bank Project	
	Purpose:	To open up the existing channel used for bringing boats to the dock area.	
	Proposed Construction Date:	Start Date:	End Date:
	Inspection Date:	8/8/23	

July 18, 2024
4:00pm

GALLATIN CONSERVATION DISTRICT

Inspection Recommendation: Approval with Modifications

2023 Inspection Comments: Channel dredge spoils must be placed out of floodplain.

318 Authorization Issued? Yes

2023 Discussion: Dredging has been done in the past Ideal to get in when lake is down.
Neighbor dredged (illegally) and left spoils in the floodplain. Some of that has migrated back in.

2023 Decision: Tammy Swinney motioned to approve with modifications. Make sure to meet USFS conditions. Bob Logar supported. All in favor, motion carried.

2024 Discussion:

2024 Decision:

c	Applicant Number: GD 47-23	Perennial Stream:	Green Canyon Creek and Flathead Creek
----------	-----------------------------------	--------------------------	---------------------------------------

Applicant Ali Behnam

Landowner:

Contractor/Agent: Troutwater Restoration LLC

Type of Project: Channel/Bank, Crossing/Roads

Purpose: To encourage streamflow and surface water higher up into the floodplain, reconnect and re-invigorate hydrologic function to wetlands and floodplains while promoting better fish and wildlife habitat For the Green Canyon Creek (GCC) part of this project, to meet this goal it will be necessary to install grade control riffles and realign a portion of the stream to its native confluence. For the wetland/marsh area adjacent to GCC Typha removal and revegetation is recommended. For the Flathead Creek portion of the project, it will be necessary to stabilize several streambanks using bio-engineering techniques.

Proposed Construction Date: **Start Date:** **End Date:**

Inspection Date:

Inspection Recommendation: Approval with modifications

2023 Inspection Comments: Channel straightening below culvert on county road is unnecessary. Grade control under new bridge is ok, but also question need. Provide bridge abutment details.

318 Authorization Issued? Yes

2023 Discussion:

Bridge plans submitted. Middle section- creek has wetlands associated with it Great for spawning habitat and juvenile rearing. No need to improve it Upper section- stream goes under the road. County is going to replace pipe that is there. Creek meanders- heavily willowed area. Perfect area for the stream. Bridge will replace the pipe that's there. Excavating a new channel to reroute the creek- is what is proposed. Inspectors don't feel this is necessary. No reason to mess with its Sinuosity and meander patterns 'will be affected by this. Negative impacts to the channel with this. Grade control structures under the bridge are also not necessary. Lower section- good plan. Will be very beneficial to the system. Applaud the project reps for the work in that section. Matt reports - upper reach- grade control structures from wood/rock. Doesn't see a need. Stream is functioning fine/floodplain as well. Further destabilization if they use these practices. Recommend just the bank work. Profile structures should be removed. Large structures for grade control- not natural to the system- heavy willow riparian area. Downstream- Looks like an engineered constructed channel within a historic channel. Heavy handed. Current conditions are fresh and raw and will have impacts downstream. Bridge plans are good (minus the boulders) and span the floodplain. Contractor reports - 36" pipe will be replaced with 60" squash, so will double the flow. Increased flow will be too much for current channel conditions. Higher velocities will likely blow out the culvert Grade control structures actually slow down the water, provide fish habitat, micro invertebrate habitat, create riffles. Beneficial all around. Planning ahead to make sure things don't blow apart and hoping to avoid having to apply for another 310 in the future to fix damages. Letting the stream channel go was considered, but was discarded due to all the sedimentation and to help the fish habitat Contractor is ok with leaving the middle section alone. Lower section- wondering why to reestablish the old channel. 2 laterals- really incised and trenched. Adds 700' of stream channel. Too risky to leave project area as is- with the road being right there. Matt stated the flow will not be doubled. Hydraulic flow will have less head water, so flow will be approximately the same. If the channel needs to change because of the culvert- it'll likely blast through. More water doesn't mean the force will be greater. Scott- thinks this is about as natural stretch as it gets. Thinks things are going to be resilient as it is. Not a real need to straighten the channel. Matt would prefer wood to be used rather than boulders in the downstream reach. Doesn't think there is a need for boulders that large and wood is more effective at holding the stream. Rocks are usually used in urban areas. Larger boulders and the amount proposed is

overkill. Modern stream restoration has gone more in the direction of using wood. Wood treatment is proposed at other areas of the project, and would prefer to see that used throughout. Would prefer to stay on the more natural side of things. Contractor says the rock would be embedded into the channel, so wouldn't see the rock. Would be locking in the profile and horizontal alignment of the stream. Natural for the stream to meander. Mid-section is pulled out of the project. Allow structures throughout- but change to wood. Bridge is fine. Culvert project will be county- SPA 124.

2023 Decision:

Mike Hansen motioned to approve bridges as proposed. Culvert is approved. Structures need to be wood, not rock. Grade control structures primarily of wood no big boulders, no angular rock, appropriately size riffle gravels ok, channel straightening not approved. Rely on the willows. Tammy Swinney supported. All in favor, motion carried.

2024 Discussion:

2024 Decision:

5. Jurisdictional Determination

Other 310 Business:

1. 310 Old Business:

- a. GD 02C-24: Update
- b. GD 05C-23 Close out
- c. 2019 Complaint
- d. Model Rules Update

2. 310 Coordinator's Report- Audra

Public Comments on District 310 Permitting Business

Adjournment of 310 Meeting

BUSINESS MEETING AGENDA-

6. **Guests & Public Comments on District Business Meeting-**
 - a. Montana Raptor Conservation Center- DNRC Mini Education grant sponsorship request
7. **Grants/Agreements/Contract Report - See Spreadsheet**
8. **Cost-share Program:**
 - a. Updates
9. **Well-Testing Cost-share Program:**
 - a. WTCS_01_25_Gentholts - \$144.00
 - b. WTCS_02_25_Shrauger - \$131.25
 - c. WTCS_03_25_Minter - \$136.50
10. **Consensus Agenda**
 - a. June Meeting Minutes-
 - b. Excused absence of board members-
11. **NRCS**
 - a. Report –
12. **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
13. **Staff Reports**
 - a. Administrator's Report- Becky
 - b. NRS Report- Elizabeth
 - c. Education and Outreach Director- Sydney
 - d. Education Specialist Report- Leia
14. **Old Business**
 - a. Governance Calendar - display on screen
 - i. Board meeting minutes sent to DNRC, C&R, posted to website.
 - ii. 941-Q2-3 submitted + paid 7/9. Q2 submission- mailed 7/9.
 - iii. UEI Q2 submitted 7/9.

b. Incorporated Cities Represented- Three Forks, West Yellowstone, Manhattan:

i. Three Forks Council Meetings- 2nd Tuesdays, 6pm. Zoom available.

1. Next Meeting- 8/13/2024

ii. West Yellowstone Council Meetings- First Tuesdays. Work sessions at 6pm, meeting at 7pm. Zoom available.

1. Next Meeting- 8/6/2024

iii. Manhattan Town Council Meetings- 2nd Thursdays- 7pm

1. Next Meeting- 8/8/2024

c. Other old business?

15. New Business

a. Other new business?

16. Parking Lot

a. Conference room electrical update

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

18. Adjournment of Business Meeting