

Gallatin Conservation District Meeting Minutes

December 21, 2017

The Gallatin Conservation District Board of Supervisors met on December 21, 2017 at 9:00 pm. Jason Camp called the 310 meeting to order at 9:15am. Supervisors present: Bill Wright, Sherwin Leep, Mike Hansen, Bob Logar, John Venhuizen, and John Schutter Staff: Mary Hendrix Excused absence: Loren Blanksma

Those present: Matt Henningsen-Jefferson Island LLC., Ty Traxler-Confluence Inc., Buddy Drake-MT FWP, Dave Moser-MT FWP, Chris Mahony-NRCS, and Mike Rotar-RESPEC

Public Comments on District 310 Permitting Business: None

310 Inspection Reports Decision

Inspection Date: 10/10/2017	Application Number: GD 52-17
Applicant:	Mark Roadarmel
Landowner:	Mark Roadarmel
Contractor/Agent:	John Gardner, Aqua Tech
Perennial Stream:	Bull Run
Type of Project:	Irrigation structure
Purpose:	Install sump for irrigation pump. Remove about six feet of creek bank, this will allow sump to be close to the pump and not be in the main flow of the stream.
Proposed Construction Date:	Start date: 1/1/2018 Finish date: 1/2/2018
Inspection Recommendations:	Approval as proposed
Inspection Comments:	Good location for project
Discussion:	
M Rotar: This is on the north-side of Burnt Road in a quiet area of the channel.	
B Drake: It's really wide there, and removing 6' isn't a problem. They would be removing clumps and should be no erosion in this area.	
B Logar made the motion to approve the project as proposed + a 15-day waiver; M Hansen seconds, motion carries	
Board Decision:	Approval as proposed + 15-day waiver

Inspection Date: 10/10/2017	Application Number: GD 54-17
Applicant:	Bozeman Haus, LLC, Greg Allen Cadius Partners
Landowner:	Bozeman Haus, LLC, Greg Allen Cadius Partners
Contractor/Agent:	Barbara Vaughn, Vaughn Environmental Services
Perennial Stream:	UT to Baxter Creek
Type of Project:	Bridge/Culvert/Ford Construction
Type of Project:	Road Construction/Maintenance
Type of Project:	Channel Alteration
Type of Project:	New Residential Structure
Others:	Wetland Alteration, Placement of Fill
Purpose:	The landowners intend to develop the 48.754-acre parcel for a 123-lot, R-3 and R-4 residential subdivision called Gran Cielo.
Proposed Construction Date:	Start date: 12/15/2017 Finish date: 12/31/2019
Inspection Recommendations:	Withdraw; non-jurisdictional
Discussion:	
J Schutter made the motion to withdraw the application; S Leep seconds, motion carries	
Board Decision:	Withdrawn

Gallatin Conservation District Meeting Minutes

December 21, 2017

Inspection Date: 10/10/2017 Application Number: GD 55-17
Applicant: Manny Nuno, PE, DCI Engineers
Landowner: Hannah Roush
Contractor/Agent: DCI Engineers
Perennial Stream: Bear Creek
Type of Project: Bridge/Culvert/Ford Construction
Type of Project: Bridge/Culvert/Ford Removal
Type of Project: Improvement to Existing Structure
Purpose: At the request of the Fort Ellis Fire Department, the existing private bridge over Bear Creek shall be removed and replaced with a modular steel bridge to increase the rated load capacity.

Proposed Construction Date: Start date: 12/1/2017 Finish date: 12/15/2017
Inspection Recommendations: Approval as proposed
Inspection Comments: Design is good as proposed minimize disturbance to existing riparian vegetation to extent possible. In particular, may try to save larger alder at northeast corner of the bridge.

Discussion:
M Rotar: The bridge has been in place for quite some time and appears stable. There's no scour. The new bridge will be wider and more robust to hold fire trucks. The location is good as it's on a bend. Recommend saving existing vegetation as possible.
B Drake: If the bridge was longer, I would recommend placing it outside the bend.
B Logar: How wide is the new bridge?
S Leep: 14 feet
M Hansen: The road is 10 feet.
B Logar: Will they need to widen the road?
B Drake: Just a bit. I told the landowner to try to save as many trees as possible. Nice riparian area.
M Hansen made the motion to approve the project as proposed + inspection comments; S Leep seconds, motion carries

Board Decision: Approval as proposed + inspection comments

Inspection Date: 10/10/2017 Application Number: GD 58-17
Applicant: Barnard Land & Livestock
Landowner: Barnard Land & Livestock
Contractor/Agent: Kearns Construction
Perennial Stream: Rocky Creek / East Gallatin River
Type of Project: Other: Beaver dams
Purpose: Remove beaver dams from streambed. With the use of equipment, remove beaver dams to allow water back in natural waterway. Equipment will cross stream between dam #2 and #3. Please see maps.

Proposed Construction Date: Start date: 1/1/2018 Finish date: 8/30/2018
Inspection Recommendations: Approval as proposed
Inspection Comments: None

Discussion:
M Rotar: This site is just ENE of Main Street in Bozeman, east of the interchange. Recommend applicant to go and take out the dams in the winter when the flow is low and the ground is frozen.
B Drake: 25-30 acres flooded, need to remove dams
B Logar: It's a reoccurring problem
M Hansen: What are the applicants going to do with the beavers?

Gallatin Conservation District Meeting Minutes

December 21, 2017

Application Number: GD 58-17 (Discussion continued)

B Drake: Gave them a name of a person who can trap them.

J Schutter moved to approve the project as proposed but with permit stipulating that the removal must occur by March 30, 2018; J Venhuizen seconds, motion carries

Board Decision: Approval as proposed with work completion by March 30, 2018

Inspection Date: 10/10/2017	Application Number: GD 59-17
Applicant:	Jefferson Island LLC
Landowner:	Jefferson Island LLC
Contractor/Agent:	Mike Sanctuary, Confluence Consulting, Inc.
Perennial Stream:	West Gallatin River
Type of Project:	Bank Stabilization/Alteration
Type of Project:	Flood Protection
Type of Project:	Irrigation Structure
Purpose:	The purposes of the project are to stabilize a rapidly eroding bank to prevent the West Gallatin River from being captured by a side channel/ditch system and permanently flooding the Circle B Ranch, and 2) maintain an efficient ability to divert irrigation water from the West Gallatin River by relocating irrigation infrastructure.
Proposed Construction Date:	Start date: 1/01/2018 Finish date: 3/31/2018
Inspection Recommendations:	To be provided at the 310 Meeting
Inspection Comments:	None

Discussion:

M Rotar: Showed historical slides of area. The project area is east of Manhattan. Not a good location to put a point of diversion and rip-rap. There is a tight meander and the river may move away from here. The amount of rip-rap placed here is problematic as it will cause excessive hardening in this location. This may impact property owners along Central Park Road as well as the road itself.

M Henningsen: T Traxler and I met with Mike and Buddy. In 2012, there was a change use application with DNRC. He respectfully disagrees about the downstream risks. He said that there are imminent threats to Dry Creek Road. He said: 1) This project will prevent full scale flooding of their ranch as well as addresses their water rights. The head gate installed in 2013 may have caused some issues. It was installed outside of the bend, but now it's inside of the bend with extensive silting. 2) Moving the head gate allows capture of water to V Creek to utilize our water right. This is a hydrological riparian corridor. 3) Placement and rip-rap design allows the water to go over in a flood event. By moving it to the furthest western migration zone, it may mitigate impacts to us and our neighbors.

T Traxler: Rip-rap is not always popular or appropriate, but in this case, it is. The rock is sized to a 100 year event. The water availability issue is secondary to other issues.

J Camp: I lease this land and had advised the previous manager and M Henningsen of erosion. What do you suggest to mitigate this?

M Rotar: Softer treatments on top, some roughness to allow for less rip-rap; It's troubling about realigning the bank and filling-in part of the active channel. Re-engineer the bank with wood versus hardening with rip-rap. Soften upper bank, plug hole with woody debris.

M Hansen: Are you willing to tweak this application?

B Logar: Come back in January

M Henningsen: Yes, but we were told to withdraw the application

B Drake: No, we didn't suggest that

B Logar made a motion to table this until the January meeting, J Schutter seconds, motion carries

Board Decision: Tabled until January 2018 meeting

Gallatin Conservation District Meeting Minutes

December 21, 2017

310 Old Business:

Remedial actions required: 310 Violation: GD 4C-2017

Inspection Date:	10/10/2017	Application Number:	GD 56-17
Applicant:		Bozeman 6 LLC, Dan Sampson	
Landowner:		Bozeman 6 LLC, Dan Sampson	
Contractor/Agent:		Barbara Vaughn, Vaughn Environmental Services	
Perennial Stream:		East Catron Creek	
Purpose:		OTHER: Remedial actions to restore fish passage on new box culverts addressing Complaint GD-4C-17 dated October 3, 2017	
Inspection Recommendations:		To be provided at the 310 Meeting	
Inspection Comments:		None	
Discussion:			
B Wright: Is this a box culvert? If you cut it, what's the integrity of it?			
M Rotar: I was told that this culvert was designed this way.			
B Wright: It would be interesting to find out more about the design of the culvert.			
M Rotar: I can contact Forterra for more information.			
B Wright made a motion to postpone action pending more information on culvert design; J Venhuizen seconds, motion carries			
Board Decision:		Postponed	

310 Violation: GD 3C-2017: Letter received from the Kaufmann's attorney that stated that they did not install the bridge on Bear Creek. M Hendrix to contact Don MacIntyre for next steps.

310 New Business: Model Rules

M Hendrix mentioned that she had attended a meeting (along with M Rotar, D Moser and Matt Johnson) at the City Engineering Offices to discuss culvert and AOP designs. At that meeting, she invited those interested to attend the 310 meeting in December. After a discussion with D MacIntyre and Bob Flesher, she contacted everyone by email to suggest a later meeting. D MacIntyre suggested that we look at the adopted rules from the Flathead Conservation District for ways to expand the GCD model rules. B Flesher advised that the new Stream Guide for Supervisors will be available by spring 2018.

310 Subcommittee formed to review model rules: B Logar, Mike Hansen, D Moser, M Rotar & M Hendrix

Adjournment of Meeting:

The 310 meeting adjourned at 11:45 am.

Gallatin Conservation District Meeting Minutes

December 21, 2017

BUSINESS MEETING

The Business Meeting convened at 12:27 pm.

Public Comments on District Business: None

Executive Session: Entered in at 12:28 pm to review NRCS Contracts; exited at 12:45 pm.

Consensus Agenda: October meeting minutes. M Hansen moved to approve the consensus agenda; S Leep seconds, and motion carries

NRCS Reports: 12/18/2017 District Report

Water year to Date Precipitation; % of Normal (as of 12/18/2017)

Gallatin; 107%
Madison; 93%
Jefferson; 88%
Yellowstone; 120%

Programs

EQIP; Special initiatives
National Water Quality
Headwaters drought
CSP; 2018 Renewals: 3

Ongoing

EQIP; Planning on 2017 applications
EQIP; Design, certification and payment of installed contracted practices
CSP; Certification of 2017 enhancements; 2018 Renewals; 3
CTA; Completed: Camp/Godfrey water sampling; gauges removed; final invoice from Jim Beck with year-end report in process with Shawna Taylor from NRCS

Miscellaneous: Soil health workshop; Jan 16 Three forks; The Gathering place @9

CD Reports: Planning Boards:

B Logar mentioned that the Manhattan Planning Board had received a Notice of Floodplain Permit Application for Five Rivers, Inc., for a stream restoration project on approximately 4,260 foot reach of Camp Creek. He asked if we had received a 310 application for this project and M Hendrix said no. M Hendrix to find out more information on this proposed project.

M Hansen mentioned that the Montana Association of Conservation Districts (MACD) will have a Strategic Planning Meeting on February 12 and 13. Lewis & Clark CD is contributing \$5,000 towards this meeting. He had also planned on attending the Lewis & Clark CD board meeting, but turned back home due to inclement weather.

Staff Report: None provided

Old Business: None

Gallatin Conservation District Meeting Minutes

December 21, 2017

New Business:

B Wright submitted his resignation from the CD Board effective January 1, 2018.

Youth Education Plans for 2018. Board supervisors were pleased to see plans for Youth Activities scheduled in December.

Strategic Planning, Action Plans: M Hendrix asked the Board supervisors to review the strategic planning handout and consider holding listening sessions in each of five rural supervisor areas and each urban area (2).

B Wright mentioned that he would like to see a GIS type program that could simulate watersheds and flooding (?) that could be used in Gallatin County and the entire state.

M Hendrix suggested that the capitol overlay for the "live stream demonstration project" in the Education and Outreach Center be used for two watershed modeling programs: 1) Augmented Reality Sandbox and 2) rolling river type trailer. The Board supervisors were enthusiastic about these suggestions.

Election: Area 1, 2, 3 + both Urban supervisors are up for re-election this year. Area 1: S Leep, Area 2: J Camp, Area 3: B Wright, Manhattan: B Logar, and Three Forks: M Hansen

New Chairman: J Venhuizen New Vice-Chair: J Schutter

310 Schedule for 2018: Date change for January 2018: From January 18th to January 25th. Added November meeting: 310 applications due November 1st and meeting on November 29th

New Grants/Agreements/Contract Report: HB223 Grant Gallatin Watershed Sourcebook funded

Well-Testing Cost Share Program: S Leep asked the Board supervisors to consider adding a Low Energy Sprinkler System (LESA) to the cost-share program.

CD Seminars/Workshops Ideas: Annual Meeting. The Board would like to host an Annual Meeting + Dinner in March 2018. M Hendrix to work on this project.

Correspondence and Handouts: 2018 Western Montana Grazing & Agriculture Conference, GGWC Annual Meeting

Accounting: Financial reports, invoices, deposit, and the credit card statements reviewed. M Hansen made the motion to pay invoices and approve financials; J Venhuizen seconds, motion carries

Adjournment of Meeting

J Camp made the motion to adjourn the meeting and everybody seconded the motion. The meeting adjourned at 2:15 pm. The next scheduled board meeting will be Thursday, January 25, 2018 at 9:00 am.

Minutes approved by Jason Camp, Chairman

Date