

**March 19, 2020,
9am**

GALLATIN CONSERVATION DISTRICT

310 MEETING AGENDA

- 1. Meeting Called to Order**
- 2. Public Comments on District 310 Permitting Business**
- 3. 310 Inspection Reports: Ready for Discussion and Board Decision**

a. Application Number: GD 08-20

Inspection Date: March 12, 2020

Applicant: Bruce Mazuranich
Landowner: John J Mazuranich and Erlene M Mazuranich Revocable Trust
Contractor/Agent:
Perennial Stream: E. Gallatin River
Type of Project: Irrigation Structure
Purpose: To replace the existing suction pipe/basket with a River Screen system. The River Screen system will be easier to set up in the spring, provide less impact of the river/riverbed than the current system and allow for earlier irrigation (since it is less affected by spring runoff flows). Provide for annual maintenance as necessary to maintain the water suction area.
Proposed Construction Date: Start date: 4/1/2020 Finish date: 4/1/2021
Inspection Recommendation: Approve as proposed.
Inspection Comments: Good project, would like to see if post-construction after a couple seasons. Could serve as a showcase project. Allow use of existing system this coming season if can't get constructed prior.

b. Application Number: GD 09-20

Inspection Date: March 12, 2020

Applicant: Brent Rehm
Landowner:
Contractor/Agent: Stuart Christopher
Perennial Stream: Gallatin River
Type of Project: Debris Removal
Purpose: Clean overgrowth of vegetation and debris from existing waterway.
Proposed Construction Date: Start date: As soon as permitted Finish date: 2020
Inspection Recommendation: Approval with modifications.
Inspection Comments: Fence off channels from ungulates and stream will heal itself by filling over-widened margins and establishing proper width to depth ratio. Excavation and vegetation removal will have negative/counterproductive affect. Recommend

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approve/incorporate spring box removal, concrete wall box with pipe. Recommend lower culvert crossing to improve/restore natural grade with same size pipe. Also will increase cover. Recommend willow cuttings planted ASAP while dormant to speed up process.

c. Application Number: GD 10-20

Applicant:	Inspection Date: March 12 , 2020
Landowner:	Leah Olson
Contractor/Agent:	
Perennial Stream:	Monforton Drain Ditch
Type of Project:	Debris Removal
Purpose:	Clear tree branches from drain ditch
Proposed Construction Date:	Start date: 2/26/2020 Finish date: 2/29/2020
Inspection Recommendation:	Approval as proposed.
Inspection Comments:	Limit work to debris removal (fallen and man-made debris) only. Avoid excavation and sediment removal.

d. Application Number: GD 11-20

Applicant:	Inspection Date: March 12, 2020
Landowner:	Roger Nerlin/Nicols-Burrel Ditch
Contractor/Agent:	
Perennial Stream:	Gallatin River
Type of Project:	Bank Stabilization, Irrigation Structure, Improvement to existing structure.
Purpose:	Protect pipeline for ditch, protect fill for highway.
Proposed Construction Date:	Start date: 4/1/2020 Finish date: 9/31/2020
Inspection Recommendation:	Approval as proposed.
Inspection Comments:	Good riprap section detail for this application (between a rock and a hard place), with thickened toe below bed. Recommend coordinate with MDT on timing and proposed work since right of way immediately adjacent to bank/pipe.

4. Complaints

5. 310 Emergency Applications: None

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6. Other 310 Business:

a. Bore projects

i. Island parcels

7. 310 Old Business:

a. Application Number: GD 03-20

Inspection Date: February 14, 2020

Applicant:

Spinner Fall Ranch, LLC c/o Bill McIvor

Landowner:

Contractor/Agent:

Jeremy May- Genesis Engineering, Inc

Perennial Stream:

Rey Creek

Type of Project:

Bank Stabilization/Alteration, Channel Alteration, Fish Habitat, Excavation/pit, Placement of Fill.

Purpose:

The main goal of this project is to remove the accumulated sediment within the stream channel and to balance slopes and narrow the over-widened cross section to increase velocities and reduce future sedimentation. As part of the channel narrowing, large woody debris will be added to provide additional habitat a cover for fish.

Proposed Construction Date:

Start date: 4/1/2020 Finish date: 7/1/2020

Inspection Recommendation:

Approval with modifications

Inspection Comments:

Oxbow cutoffs should be blocked at both ends (mod.). Recommend incorporate softer/passive approach on insides of bends and other areas to recruit sed without filling and encourage veg.

encroachment. Recommend coordinate with water users on reach and downstream. Consider sediment trap at downstream limit.

Discussion:

This particular reach has had work done on it in the past (2012). Different landowner and different budget. This plan is to fix the issues that were caused from prior work. Narrow the creek, provide shading, better instream habitat. Idea is to come in and rework the margins that were left open in the past. Currently has split channels, increased sedimentation, open areas. Suggestions to take out oxbows and decrease the reach is different than what you'd normally see in a restoration project, but will increase the velocities, and will be beneficial to the stream overall. Recommend by inspectors to use wood to catch sediment/sediment trap as was recommended from downstream landowner. Also suggested to

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coordinate with downstream landowners, as there were many complaints from neighboring landowners. Buddy suggests softer approach than what applicant suggested. Using wood would encourage seg growth faster than other methods. Inspectors looked at sections of stream/ditch further downstream and report that this area is just prone to high sedimentation; so not sure a sediment trap would help that much. Questions the ethics of continuing to let landowners change the stream. The stream currently is functioning. Saw fish, vegetation. Current landowner just wants to fix up the creek. Reported that probably only 90% of the project was completed in 2012. Jeremy May (Genesis Engineering) reports the sedimentation has increased in the last 5 years and fish activity has actually decreased over that time period. Jeremy acknowledges that it is a tough reach that just has a lot of sediment- maybe due to upstream work and other issues. Buddy thinks the sedimentation in the water is really not the result of the work on this property. Buddy does think a sediment trap still might be a good idea and would work though. Buddy reports there will be no impact to stream flow or water right. Advises that the board could require a measuring device if wanted, but doesn't think that is necessary. Mike Hansen wondered if there has been contact with the downstream neighbors. Jeremy reports that he was using this meeting as a way to start that. Hoping to get contact info here today. He is willing to entertain the sediment catch pond as suggested by a neighbor. Downstream neighbor states this absolutely will affect her irrigation rights and doesn't want people "messing with their ditches." Buddy rebuts that he's not sure the trouble the downstream neighbor has experienced is wholly attributed to the project. Simply just a "muddy" stream/ditch. Sherwin states that it is concerning that the project was not completed before. Jeremy states that it's hard to say if the work wasn't completed without having seen the plans, but it seems that way. Sherwin wonders if maybe a bond could be considered on projects so this doesn't happen in the future. Jeremy says there is not any plans of taking water out of the ditch. Will use sediment pond as proposed. Sediment pond will be at the bottom of the

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project area. (Updated map and plans were distributed). The goal is the sediment catch will assure that no additional sediment will come out of the pond as what is going in. Settling pond will be off-line. Public comment on if inspection team looked at other sediment trap areas that are causing encroachment. Buddy states that these are softer approaches.

Decision:

Mike Hansen motioned to put applications on hold to allow for new plans to incorporate the settling pond and the softer engineering designs and also to make sure neighbors' concerns are considered and addressed. Incorporate inspection comments to the maximum extent. Jeremy agrees that too much has changed and has no problem with that. He will do the best he can to work with those that have raised concerns. Steve White seconded. All in favor. Motion passes.

UPDATE:

Updated plans submitted for review.

b. Application Number: GD 31-19

Applicant:

Inspection Date: June 12, 2019

Landowner:

Scott Schmidt

Contractor/Agent:

Crosscut Mountain Sports Center

Perennial Stream:

Unnamed

Type of Project:

Bridge/Culvert/Ford Construction

Purpose:

To provide a stream crossing for snow cat grooming of Nordic trail system.

Proposed Construction Date:

Start date: 7/15/2019 Finish date: 10/31/2019

Inspection Recommendation:

Approve with modifications.

Inspection Comments:

Culverts 1-3: use 48"; embed minimum 6"/maximum 18". Compact with vibratory hand operated tool. Rock fill slope as needed. Culvert 4: ok as 36".

Discussion

Size of stream pushes a lot of flow downstream. Long discussion of round or squash culverts. Advised to bury pipe properly. Applicant didn't want to use bridges due to snow cats going over them. These culverts will be ok if installed correctly. Dig down and set it below grade, 6 or more inches to make it fit. Maximize width of culvert to match stream.

Decision:

Sherwin Leep motioned to approve with modifications listed in comments. Mike Hansen seconded. All in favor. Motion carries. Follow-up to check work in October. Let applicant know to send pictures of work.

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UPDATE:

The applicant requests an extension of his permit, set to expire 6/20/2020. As he mentioned during the reinspection tour, he was only able to place 2 of the 4 culverts in the fall. He reports that it is too wet up there still to be able to complete the work before June.

c. Application Number: GD 22-19

Inspection Date:	May 8, 2019
Applicant:	Steve Moore
Landowner:	Greg and Susan Gianforte, David and Susan Barbisan
Contractor/Agent:	Barbara Vaughn
Perennial Stream:	Unnamed tributary of East Catron Creek
Type of Project:	Placement of fill
Purpose:	The city is requiring that the road be relocated to conform to the current street grid and that 2 additional pedestrian crossings be installed across the relocated creek. Requesting to remove the existing culvert and replace it with a 30' culvert for pedestrian crossing, to install 123' of culvert for a road crossing, in still a second 30' crossing for a pedestrian crossing, and to install a sewer line with temporary impacts.
Proposed Construction Date:	Start date: 9/2019 Finish date: 12/2021
Inspection Recommendation:	Approval with modifications
Inspection Comments:	Please require culvert plan/profile for each site/location. Only wetland impacts submitted. No fish resting box. Modifications- Embed minimum 6", import/backfill 6" of stream material and/or 3" for all culverts. Applicant will clarify 42" round or arch size equivalent. Match grade upstream and down, while considering embedment. Please require/include culvert plan and profile for each site/location, only wetland impacts were submitted with application
Discussion:	Report: Stream dissipates eventually. Long culvert proposed- not ideal. Stream likely fishless, but still aquatic life and habitat. So standard practice for that applies. 30' culvert recommended. Had fish resting box proposed- nixed that. Use arch, not 42".
Decision:	Bob Logar motioned to approve with inspection comments. Use 42" arch. Sherwin Leep seconded. All in favor. Motion carries.

UPDATE: Extension requested. The 310 permit expires on May 16, 2020. Construction on the site is scheduled to begin in April 2020. The sewer crossing will be constructed first.

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The sod removal and transplant will be supervised onsite by a wetland specialist. The culvert removal, channel revegetation, and culvert installation at another location will not be completed by the May 2020 deadline. It is anticipated that all of the permitted activities will be completed by December 2020.

Please extend the permit deadline to May 2021 to allow for construction of the entirety of the permitted activities that will affect the UT of East Catron Creek. The completion form and pre- and post-construction photographs will be submitted to your office upon construction completion.

8. Adjournment of 310 Meeting

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BUSINESS MEETING AGENDA

1. Guests & Public Comments on District Business Meeting-
 - a. Mike Jones- Weed District
2. Grants/Agreements/Contract Report
3. Consensus Agenda
 - a. February Meeting Minutes-
4. NRCS
 - a. Report
5. Supervisor Report: Planning Boards
 - a. Planning board-
 - i. Doug stepped down from Gallatin County planning board. Need new representative.
 - b. MACD update-
6. Staff Reports
 - a. Administrator's Report- Becky
 - b. NRS Report- Sarah
7. Old Business
 - a. District Vehicle- update?
 - c. Annual Meeting
 - i. March 26, 2020. 5:30-8:30. Gallatin Gateway Community Center
 - ii. Attendance update
 - iii. General running of the meeting format review
 - iv. Clean Up Crew
 - e. Stewardship Award Winners.
 - i. Annabelle Morgan- John Schutter Sr. Agriculture Award
 - ii. Mark Siefert- Bill Wright Conservation Award
 - f. Supervisor elections- Unofficial report from deadline to file (3/9/20).
 - g. Farmers Market Bank Account- John, Jason- signatures needed

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8. New Business
 - a. Convention- Extra support from GCD
 - i. Update
 - b. Personnel issue- leave restrictions. Possible revamp of procedure.
 - c. Retractable Banner
 - d. River Rendezvous Update
 - e. Pollinator Initiative Project
9. Well-Testing Cost-share Program: None
10. Cost-share Program:
11. CD Seminars/Workshops:
12. Correspondence and Handouts
13. Accounting (Deposit, Credit Card, Invoices) + Updated P&L, Balance Sheet
14. Adjournment of Business Meeting