

The Gallatin Conservation District Board of Supervisors met on August 16, 2018 at 4:00 pm. Acting Chairman John Schutter called the 310 meeting to order at 4:10 pm. Supervisors present: Bob Logar, Mike Hansen, Loren Blanksma, Sherwin Leep and Doug Espelien. Absent: Jason Camp and John Venhuizen. Staff present: Mary Hendrix and Nathanael Johns.

Those present: Dave Moser-MT FWP, Mike Rotar-RESPEC, Mike Stenberg-Hyalite Engineers, Ronda Burns-Confluence, Matt Henningsen-Jefferson Island, Bob Barham, Christopher Mahony-NRCS, Krista Lee Evan-Blake Creek Project Management, and Andrea Anderson-Northwestern Mutual Life

Public Comments on District 310 Permitting Business: None

310 Inspection Reports Decision

<u>Application Number: GD 37-18</u>	Inspection Date: 8/7/2018
Applicant:	Henry Vander Vos
Landowner:	Henry Vander Vos
Contractor/Agent:	Not provided
Perennial Stream:	West Gallatin River
Type of Project:	Bank Stabilization/Alteration
Purpose:	Stabilize river bank to stop the river cutting into the pasture
Proposed Construction Date:	Start date: 9/1/2018 Finish date: 11/30/2018
Inspection Recommendation:	Approval with modifications
Inspection Comments:	Place riprap only to an elevation of 2' – 3' above existing channel bed. Use angular well graded rock 1' – 3' diameter. Above the riprap, place soil and seed surface of soil with native seed. Also, willow cuttings could be planted at the top of the riprap below upper soil.

Discussion:

M Rotar: This project is upstream of the interstate. The water came up the roadway in an area furthest north of his home. We proposed that they place rock at the toe, half way up transition to soil and reseed and add willow cuttings.

M Hansen: Is the road in the active channel of migration?

M Rotar: Yes, recommend not going to riprap all the way up.

D Moser: All alluvial soil

B Logar: Are those barbs or are they natural? (in photo)

M Rotar: Natural

M Hansen made the motion to approve with modifications, *S Leep* seconds, motion carries

Board Decision: Approval with modifications

<u>Application Number: GD38-18</u>	Inspection Date: 8/7/2018
Applicant:	Carolyn Long
Landowner:	Carolyn Long
Contractor/Agent:	Clint Juhnke
Perennial Stream:	Cannon Creek
Type of Project:	Bridge/Culvert/Ford Construction
Type of Project:	Road Construction/Maintenance
Type of Project:	Placement of Fill
Other:	16 foot culvert extension that is 3 feet in diameter

Purpose: A 16 foot long by 3 feet in diameter culvert extension is proposed in order to safely access the parcel.

Proposed Construction Date: Start date: 7/25/2018 Finish date: 7/25/2018

Inspection Recommendation: Approval as proposed + 15-day waiting period waiver

Inspection Comments: Countersink culvert extension minimum of 6 inches into bed; maintain existing grade through culvert; and seed extension with similar to existing.

Discussion:

M Rotar: This project is on a small stream tributary to Rocky Creek, just east of Bozeman. It's for an access to a homesite. It looked like the road was there for a while, but they will need to upsize from a one foot to 3 foot culvert.

B Logar: Is 3 feet big enough?

M Rotar: Yes

D Moser: Also recommend erosion mats on both sides

B Logar made a motion to approve as proposed + a 15-day waiting period waiver, *M Hansen* seconds, motion carries

Board Decision: Approval as proposed + 15-day waiting period waiver

Application Number: GD 39 -18 Inspection Date: 8/7/2018

Applicant: Jennifer Haukebo

Landowner: Jennifer Haukebo

Contractor/Agent: Buddy Drake, Drake & Associates

Perennial Stream: Bridger Creek

Type of Project: Bank Stabilization/Alteration

Type of Project: Placement of Fill

Purpose: To re-align rocks that were placed in 2011 and potentially add one fully limbed conifer tree.

Proposed Construction Date: Start date: 9/4/2018 Finish date: 9/5/2018

Inspection Recommendation: Approval as proposed

Inspection Comments: Minor repairs to previously installed stream barbs will ensure previous design continues to function as intended.

Discussion:

M Rotar: This is a project that Buddy Drake did in 2011 where a couple of barbs were added. With high flow this year, it started to flank the bards. Looking to scoot a couple of rocks, tighten barbs and add one conifer tree.

M Hansen: To soften it?

M Rotar: Not sure

D Moser: Minimal invasion, but needs to be repaired from time to time

S Leep made the motion to approve the project as proposed, *B Logar* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 40-18 Inspection Date: 8/7/2018
 Applicant: Jefferson Island LLC
 Landowner: Jefferson Island LLC
 Contractor/Agent: Mike Stenberg, Hyalite Engineering
 Perennial Stream: Baker Creek
 Type of Project: Bridge/Culvert/Ford Construction
 Purpose: To install a new bridge for access
 Proposed Construction Date: Start date: 10/15/2018 Finish date: 11/15/2018
 Inspection Recommendation: Approval as proposed
 Inspection Comments: Proposed bridge is at a good location and has a good span

Discussion:

M Rotar: This project is on Baker Creek. It's so straightforward that I didn't even take a photo. It's a good location for a bridge. Has adequate span.

D Moser: Behaving like a spring creek; no avulsions

M Hansen made the motion to approve as proposed; *S Leep* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 41-18 Inspection Date: 8/8/2018
 Applicant: Joan & Gary Cook
 Landowner: US Forest Service ATTN: Kathryn Barker
 Contractor/Agent: Mike Stenberg, Hyalite Engineering
 Perennial Stream: Buffalo Horn Creek
 Type of Project: Bridge/Culvert/Ford Construction
 Purpose: To replace an existing bridge that has failed with a new bridge.
 Proposed Construction Date: Start date: 9/15/2018 Finish date: 10/15/2018
 Inspection Recommendation: Approval as proposed
 Inspection Comments: Good location for bridge.

Discussion:

M Rotar: This location is in Gallatin Canyon, east of the 320 Resort. The project replaces a bridge that had been removed in the recent past with a new bridge. It's in a good location and the remnants are still there.

M Stenberg: Planning on leaving remnants in place for stabilization

D Moser: It's a bridge and that's good. How long was it there?

M Stenberg: ± 50 years, it was taken out last year.

B Logar made the motion to approve as proposed, *L Blanksma* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 42-18 Inspection Date: 8/8/2018
 Applicant: Kevin Cook
 Landowner: Cook Riverbottom Properties LLC
 Contractor/Agent: Mike Stenberg, Hyalite Engineering
 Perennial Stream: Gallatin River
 Type of Project: Bank Stabilization/Alteration

Purpose: Stabilize a portion of the Gallatin River bank to ensure channel migration does not occur upstream of the Valley Ditch headgate along with channel migration impacting current access to agricultural lands, etc.

Proposed Construction Date: Start date: 10/15/2018 Finish date: 10/30/2018

Inspection Recommendation: Approval as proposed

Inspection Comments: Applicant is proposing to do work in spring 2019 before runoff.

Discussion:

M Rotar: This is on the west side of the Gallatin River off of River Road. This application is to mitigate the emergency 310 permit previously submitted.

M Stenberg: Plan is extend cottonwoods, pull old concrete out of the channel, and spruce some of the logs. Project will start in Spring 2019.

S Leep: Was the concrete always there?

M Stenberg: Used to stabilize bank in the past.

M Hansen made the motion to approve as proposed, *B Logar* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 43-18 Inspection Date: 8/8/2018

Applicant: Robert & Gina Barham

Landowner: Robert & Gina Barham

Contractor/Agent: Not provided

Perennial Stream: S Cottonwood Creek

Type of Project: Bridge/Culvert/Ford Construction

Purpose: Install 30' by 14' bridge across S Cottonwood Creek for landowner access to south portion of the property.

Proposed Construction Date: Start date: 11/1/2018 Finish date: 12/20/2018

Inspection Recommendation: Approval as proposed

Inspection Comments: A bridge was previously approved in this location. The new project is in a good location and has adequate span distance. Also, changed overflow/flood plain culver size to 36" squash + 6 inch embed.

Discussion:

M Rotar: New application for an old application for a bridge (GD 43-17). Seeking to put in a bridge in a similar location. Had proposed in original application that the bridge site be moved downstream from the current location to a single thread of S Cottonwood Creek.

B Barham: Will be moving it to the location downstream to a single thread of S Cottonwood Creek. The new bridge is 30' x 14' instead of the 50' x 9' proposed in GD 43-17.

M Hansen: The 30' bridge looks good.

D Moser: It's better all around.

B Logar made the motion to approve as proposed + culvert comment, *M Hansen* seconds, motion carries

Board Decision: Approval as proposed + culvert comment

Application Number: GD 44-18 Inspection Date: 8/7/2018
 Applicant: Eugene Graf, BonTon Inc.
 Landowner: Eugene Graf, BonTon Inc.
 Contractor/Agent: Barbara Vaughn, Vaughn Environmental Services
 Perennial Stream: Figgin Creek
 Type of Project: Bridge/Culvert/Ford Construction
 Type of Project: Bridge/Culvert/Ford Removal
 Type of Project: Road Construction/Maintenance
 Type of Project: Placement of Fill
 Purpose: Proposes to complete the construction of the westward extension of W Arnold Street located NW of Morning Star Elementary School
 Proposed Construction Date: Start date: 10/18/2018 Finish date: 12/31/2018
 Inspection Recommendation: Approval as proposed + 15-day waiting period waiver
 Inspection Comments: Countersink center of 3 culverts approximately 6 inches.

Discussion:

M Rotar: On the south side of town, east of S. 11th, extending Arnold Street. Three RCP culverts, recommend center of the three set a little lower for fish passage.

B Logar: What's the size of the culvert?

J Schutter: 36" x 59"

S Leep: 3 culverts versus one?

M Rotar: It would be better to see one larger box, but at this place it's adequate.

D Moser: It's probably an irrigation return.

S Leep made a motion to approve as proposed + 15-day waiting period waiver, *M Hansen* seconds, motion carries

Board Decision: Approval as proposed + 15-day waiting period waiver

Application Number: GD 45-18 Inspection Date: 8/7/2018
 Applicant: Cheeky Monkey Development LLC
 Landowner: Cheeky Monkey Development LLC
 Contractor/Agent: Brett Megaard, Hyalite Engineers
 Perennial Stream: Spring Ditch
 Type of Project: Bridge/Culvert/Ford Construction
 Purpose: Proposes to install two culvert crossings under the proposed roadway in order to allow the spring ditch to continue to pass through in its current path.
 Proposed Construction Date: Start date: 9/1/2018 Finish date: 11/15/2018
 Inspection Recommendation: Approval as proposed
 Inspection Comments: Culverts are a bit long, although channel is not likely fish bearing throughout its entire length.

Discussion:

M Hansen made the motion to approve as proposed, *B Logar* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 46-18 Inspection Date: 8/7/2018
 Applicant: Valley West HOA, David Wieggen
 Landowner: Valley West HOA, David Wieggen
 Contractor/Agent: Ronda Burns, Confluence Inc.
 Perennial Stream: Maynard Border Ditch
 Type of Project: Bank Stabilization/Alteration
 Type of Project: Channel Alteration
 Type of Project: Placement of Fill
 Purpose: Proposed project is intended to prevent bank instability in an area near a playground which receives a high volume of foot traffic.
 Proposed Construction Date: Start date: 9/1/2018 Finish date: 10/30/2018
 Inspection Recommendation: Approval as proposed
 Inspection Comments: Good community project.

Discussion:

M Rotar: Maynard Border Ditch flows through a park amenity on the west side of Ferguson. The channel has small pockets of erosion. Bank stabilization project about 10 to 20 feet, bio-engineering, minor work. It's an area used by kids.

R Burns: There's an electrical box near the trail, landscaping and rocks by the bank. A lot of erosion by usage.

S Leep: Spring ditch?

M Rotar: We have claimed jurisdiction in the area in the past

R Burns: There's a water user at the end of the ditch.

B Logar: Run water all year round?

R Burns: Yes, it's been somewhat naturalized.

B Logar made the motion to approve as proposed, *S Leep* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 47-18 Inspection Date: N/A
 Applicant: Brad Hammerquist
 Landowner: John and Nancy Malo
 Contractor/Agent: Not provided
 Perennial Stream: Unnamed
 Type of Project: Bridge/Culvert/Ford Construction
 Type of Project: New Residential Structure
 Purpose: PERMIT EXTENSION REQUEST: GD 34-17 approval with modifications, permit set to expire 9/1/2018
 Proposed Construction Date: On-going
 Inspection Recommendation: None
 Inspection Comments: None

Discussion:

B Logar made the motion to approve the project extension as proposed, *M Hansen* seconds, motion carries

Board Decision: Approval as proposed

Application Number: GD 49-18

Applicant:	Kimm Potato Farms LLP
Landowner:	Kimm Potato Farms LLP
Contractor/Agent:	Not provided
Perennial Stream:	Yellow Dog Creek
Type of Project:	Culvert replacement
Purpose:	The existing culvert is a round 48" culvert which was installed too shallow. The culvert has been damaged by farm vehicles and tends to collect trash at the mouth due to its placement and round shape. The new culvert proposed is an arch pipe with a 52" height and 66" width and a flat bottom. This meets the specs the engineers recommended for the previous 2 culverts installed/replaced in our farms section of the Yellow Dog Creek.
Proposed Construction Date:	Start date: 8/28/2018 Finish date: 9/4/2018
Inspection Recommendation:	None
Inspection Comments:	None
Email Comments:	..."In the current application (August 2018), the applicant reports that the culverts installed in 2015 have functioned well and have improved water flow and movement of trash through the culverts. The proposed activity would replace a third 48" culvert within Yellow Dog Creek that was not replaced in 2015. In my opinion, the proposed increase in culvert size to match that of those replaced in 2015 is good for flow continuity and maintenance of sediment transport, as well as improved fish passage."

Discussion:

M Rotar: In 2015, an application was approved to upsize several 48" culverts. Two culverts were installed and they work great. This application will replace the last 48" culvert.

D Moser: The net benefit is good stuff.

S Leep made the motion to approve as proposed + 15-day waiting period waiver, *B Logar* seconds, motion carries

Board Decision:	Approval as proposed + 15-day waiting period waiver
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4. 310 Emergency Applications:

Application Number: GD 5E-18

Applicant:	Darren Braaksma
Landowner:	Lowline Canal
Perennial Stream:	Gallatin River
Cause of Emergency Action:	Due to flood stage the water diversion has deteriorated. Work was done to rebuild diversion so that the canal was able to take the proper amount of water needed for irrigation.
Emergency Action Taken:	Excavator moved rocks to rebuild diversion.
Emergency Action Date:	7/16-17, 2018
Inspection Comments:	Action taken is fairly minimal and is appropriate for the location and conditions.

Discussion:

M Rotar: High flows had deposited bedload around. This is located south of Norris Road. Minimal action was taken.

M Hansen made the motion to acknowledge emergency action taken, *S Leep* seconds, motion carries

Board Decision: Acknowledge emergency action taken, no remediation required.

Application Number: GD 6E-18

Inspection Date: 8/7/2018

Applicant:

Jefferson Island LLC / Jason Camp

Landowner:

Jefferson Island LLC

Perennial Stream:

Gallatin River

Cause of Emergency Action:

The main channel of the Gallatin River migrated away from the channel where our headgate is located at some point during high water. On July 7, the Gallatin River had dropped enough that the channel where our headgate is located (former main channel) was starved of water leaving us with no irrigation water. The timing of this drop in water created the emergency as our lessee (Jason Camp co-applicant) had his first of hay cut and there was an immediate need to irrigate to preserve the health of the crop and prevent loss of the 2nd cutting.

Emergency Action Taken:

A small side channel was activated off of the main channel upstream that conveys water back to the old channel passing by our headgate. Gravel was excavated from the bed of the small channel for approximately 100 yards from the head of the small channel downstream toward the main channel pulling grade to draw water into the side channel. The excavated gravel was spoiled on the banks of the side channel, avoiding vegetation whenever possible. Additionally, spoiled gravel was added to an existing bar and downed tree immediately adjacent to the head of the small channel in the main channel of the Gallatin River. By July 17, the river had dropped enough to starve the side channel again (starving our headgate as well) and on July 19, the bed of the small channel was excavated further with gravel spoils placed on the banks of the side channel and placed into the main channel in the same manner as before.

Emergency Action Date:

7/10/2018 & 7/19/2018

Inspection Comments:

Emergency channel is working well for now. Leave as is for now, no remediation.

Discussion:

M Rotar: Work went on this year. The main channel is to the east and water availability ceased at the new headgate. It happened a couple of times, but for not it seems to be working okay. Care was taken to not destroy vegetation.

B Logar made the motion to acknowledge emergency action taken, *S Leep* seconds, motion carries

Board Decision: Acknowledge emergency action taken, no remediation required.

5. 310 Old Business:

Legends HOA 310 education meeting will be held on October 10th from 5:30 pm – 8:00 pm at the Bozeman Library. *M Hendrix* asked if we can have it at that time or should we work on another day and time?

Board Decision: Approval to present 310 education at Legends HOA Annual meeting

6. 310 New Business: None

7. Adjournment of 310 Meeting @ 5:10 pm

BUSINESS MEETING

Public Comments on District Business:

K Evans and *A Anderson* discussed the Gallatin Valley Sustainability Summit tentatively scheduled for November 8, 2018 in Bozeman.

Would like to meet Thursday afternoon and attendees from the Summit can attend the MSU College of Agriculture Economics-Ag Economic Outlook on Friday for free.

She asked if the Board would be open to helping with it. *B Logar* made a motion to help with Summit, *S Leep* seconds, motion carries

Comments:

- May need a better name to better fit the subject matter
- Succession planning versus sustainability?
- Venue, keynote speaker and meal: Check with MSU for a possible location and for speaker

K Evans will update Board Supervisors at the October 18th meeting.

Consensus Agenda: July minutes. *B Logar* moved to approve the consensus agenda, *M Hansen* seconds, motion carries

Accounting: (Deposit, Credit Card, Invoices) + P&L and Balance Sheet. *M Hansen* made the motion to approve the financials + pay invoices; *S Leep* seconds, motion carries

NRCS (8/16/2018) District Report – Christopher Mahony

Snow water Equivalent; % of Normal

- | | |
|---------------------------|--------------|
| • Gallatin; July; 120% | August; 116% |
| • Madison; July; 109% | August; 107% |
| • Jefferson; July; 116% | August; 110% |
| • Yellowstone; July; 126% | August; 122% |

Programs

EQIP:

- Certifying practices
- Planning new applications

CSP 2018:

- 1 application preapproved
- CSP 2018; 1 application preapproved
- Camp/Godfrey Creek: 2019 is the end of this priority 1 watershed; would like to have a Local Working Group meeting (LWG) in the next 5 or 6 months to see if we would like to continue to work on this watershed

Events:

Past: Bozeman field days August 6th – 8th

Future: All Employee meeting; September

Training:

- Organic training; August 22nd
- Conservation delivery to women landowners training August 27th – 30th

Local Working Group (Natural Resource priorities):

- Current; water quality in Camp and Godfrey creek drainages (NWQI)
- Future; extend NWQI

County Planning Board: *D Espelien:* The County Planning Board met and discussed a commercial development behind Cardinal. Six lots are to be developed that also includes a bagel shop. It was approved by the board.

Rainbow Subdivision wants to convert to condos. The lower level will be retail and upper units will be living quarters. There are no covenants, street signs or numbers on the buildings. Conditions for approval are the addition of street signs and sidewalks.

Growth study policies for Gallatin County was given \$5,000 to get the study started.

Development on Gallatin River at Anceny Road: Eighty people came to the meeting to oppose it. I thought it was a good project, taking 27 acres of swamp to build 18 individual homes. The planning board approved the project. It went to the County Commissioners on Monday (August 13th) and they denied it.

Manhattan Planning Board: *B Logar:* The Planning Board met last night (August 15th), but didn't have a quorum so were not able to conduct any business. We did review one conditional use permit application for the Manhattan Depot, a casino restaurant.

Old Business:

Office lease agreement: Originally approved for annual lease beginning March 15, 2018 – March 15, 2019 at \$995.00 monthly with an increase to \$1,100 at next term. With lessee illness, contract delivered in August 2018. New lease agreement terms will begin August 15, 2018 – August 15, 2019 at \$995.00 monthly with an increase to \$1,100.00 at the next term. *S Leep* made a motion to change lease agreement dates from March 15, 2018 – March 15, 2019 to August 15, 2018 – August 15, 2019 with rate increase beginning September 2019; *M Hansen* seconds, motion carries.

New Business:

Natural Resource Coordinator: *M Hendrix* updated the job description and discussed the possibility of advertising and hiring someone for this position. *B Logar* made the motion for Hiring Committee to update

wage structure to prepare for advertisement, *L Blanksma* seconds, motion carries. Once the wage structure is updated, *M Hansen* and *S Leep* will direct Administrator to advertise for the position.

Meeting Schedule Change proposal: Tabled

New Grants/Agreements/Contract Report: None

Well-Testing Cost-share Program: None

Cost-share Program: None

CD Seminars/Workshops: None

Correspondence and Handouts:

- Bilotti Email (Anceny Road Development): See County Planning Board discussion
- Creekside Meadows Major Subdivision pre-application Email: No feedback provided

Adjournment of Meeting

J Schutter made the motion to adjourn the meeting. The meeting adjourned at 7:10 pm. The next scheduled board meeting will be Thursday, September 20, 2018 at 4:00 pm.

Minutes approved by John Schutter, Vice Chairman

Date