

Gallatin Conservation District Special 310 Meeting Minutes

November 7, 2017

The Gallatin Conservation District Board of Supervisors met on November 7, 2017 at 8:30 am. Jason Camp called the 310 meeting to order at 8:42 am. Supervisors present: Bill Wright, Sherwin Leep, John Venhuizen, and John Schutter Staff: Mary Hendrix. Excused absence: Michael Hansen and Bob Logar

Those present: Lynn Bacon-TerraQuatic, Paul Peterson, Dave Moser-MT FWP, and Matt Johnson-RESPEC

Public Comments on District 310 Permitting Business: None

310 Inspection Reports: Decision

Inspection Date:	10/10/2017	Application Number:	GD 47-17
Applicant:		Paul A Peterson	
Landowner:		Paul A Peterson	
Contractor/Agent:		Jamie Hillman, Crazy Mountain Industries, Inc.	
Perennial Stream:		Baxter Creek	
Type of Project:		Bridge/Culvert/Ford Construction	
Type of Project:		Bank Stabilization/Alteration	
Purpose:		To stop stream bank erosion and provide crossing. To install 42" to 48" round steel culvert and fill material to provide crossing and access to lower pasture and to decrease erosion caused by cattle crossing.	
Proposed Construction Date:		Start date: 10/20/2017	Finish date: 12/15/2017
Inspection Recommendations:		Approval with modifications; waive 15-day waiting period	
Inspection Comments:		Complete work during low flow. Embed minimum 4-6" below streambed. Recommend riprap (D=12"?) along upstream & downstream face of embankment. Cattle accessing stream for water & crossing to opposite pasture causing over-widening and degraded banks. Crossing should reduce cattle crossing stream. Prefer larger pipe however upstream 48" culvert appears stable and financial constraints prevent larger pipe.	

Discussion:

M Johnson: Baxter Creek flowing through one pasture to another pasture. It's wide and shallow. Cows are struggling. Applicant is looking to install a culvert + crossing to help cows cross here. Concerned about the 48" culvert, but this is not a spring melt creek. Possibly, a hardened ford could be a good option. Applicant wants to construct this fall, so no time to change design.

D Moser: It's a good thing to do here. He has concerns about the size of the culvert and potential failure.

P Peterson: Would you be comfortable with a ford? He wants to fix the problem. One bank is 15 feet and the other side is 5 feet.

M Hansen: Would this be a hardened ford?

D Moser: Rock, concrete, corded wood

P Peterson: Would narrow the creek to 6 feet, right now its 10 feet.

J Schutter: We need to address this application with a culvert.

J Schutter moved to place the application on hold as the direction of the project has moved away from culvert installation; M Hansen seconds, motion carries

Board Decision: Application on hold

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B Wright moved to withdraw the application; J Venhuizen seconds, motion carries

Board Decision: Withdraw

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Inspection Date: n/a Application Number: GD 51-17 **NEW**
Applicant: Paul A Peterson
Landowner: Paul A Peterson
Contractor/Agent: Jamie Hillman, Crazy Mountain Industries, Inc.
Perennial Stream: Baxter Creek
Type of Project: Bridge/Culvert/Ford Construction
Type of Project: Bank Stabilization/Alteration
Purpose: To stop stream bank erosion and provide crossing. **To elevate bank access to stream with soil that is eroding with fill material to provide "ford" crossing using 3" minus road mix.**

Proposed Construction Date: Start date: 10/20/2017 Finish date: 12/15/2017
Inspection Recommendations: n/a
Inspection Comments: n/a

Discussion:

M Johnson: 3" minus a little small, recommend general pit run

P Peterson: 3" will be used up and down the banks, will use bigger stuff in other areas.

P Peterson: The cows have stepped down the banks and we need to narrow it to around 6'

M Johnson: Bring up the stream bed to match existing level. Dig down 1 – 1/2 ' and add pit run.

D Moser: When the cows use the crossing, the banks will naturally repair themselves, will be a new floodplain.

J Camp: If streambed is firm, does he want to dig it?

M Johnson: Maybe not.

J Schutter moved to approve the application as proposed + 15-day waiver; J Venhuizen seconds, motion carries

Board Decision: Approval as proposed + 15-day waiver

Inspection Date: n/a Application Number: GD 53-17
Applicant: Walter Wolf
Landowner: City of Bozeman, Bozeman High School District 7
Contractor/Agent: Lynn Bacon, TerraQuatics, LLC.
Perennial Stream: Maynard-Border Irrigation Ditch
Type of Project: Channel Alteration
Type of Project: Debris Removal
Purpose: The DEQ is requiring removal of sediment from the Drain Ditch between Baxter and Equestrian Lane that resulted from unexpected high flows through the Flanders Mill Ditch system prior to complete stabilization.
A Vac truck will be used to remove the sediment (Scenic City, Inc.). High pressure water may be used to dislodge sediment accumulated on the lower bank (2" height), but it is likely that given there is a small amount of flow that the sediment will be loose enough to simply use the vacuum attachment.

Proposed Construction Date: Start date: 11/7/2017 Finish date: 6/30/2018
Inspection Recommendations: n/a
Inspection Comments: n/a

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Application Number: GD 53-17 (Continued):

Discussion:

L Bacon: This is the third permit for this project this year. This is north of Baxter Lane, the old Baxter Border ditch (700' long). Requesting a 15 day waiver. This is for minimal erosion control by using either orange irrigation fabric or straw bales. Chris expects a plume.

D Moser: Is the intake going to be screened so it doesn't take up larger material?

L Bacon: I presume it does.

J Venhuizen: Why does DEQ require it? Affects fisheries?

L Bacon: State waters – upstream / downstream

D Moser: Not fisheries, but the law

L Bacon: Detected a large plume downstream. Mr. Wolf could be fined, but hopefully mitigation would help offset that. Mr. Wolf is the permittee. Don't know why but a large amount of water trenched it out.

D Moser: That was part of it. May have been an attempt to hide it.

L Bacon: Don't know about that, but DEQ requires it. Does the board have a preference of material? Straw bales will need to be staked in or irrigation fabric?

M Johnson: Would be a light, low-intensity project

L Bacon: Will put a screen for less than 1" + material, will add do not enter signs

M Johnson/D Moser: recommend fabric

S Leep moved to approve the project as proposed + 15-day waiver (may use either material); J Venhuizen seconds, motion carries

Board Decision: Approval as proposed + 15-day waiver

Adjournment of Meeting: The Special 310 meeting adjourned at 9:30 am.

Minutes approved by Jason Camp, Chairman

Date