



Gallatin Conservation District Meeting Agenda

November 7, 2017 @ 8:30 AM

GCD Conference Room, 120 S 5th Street, Suite B 104, Manhattan MT

SPECIAL 310 MEETING AGENDA

1. Meeting Called to Order & Roll Call
2. Public Comments on District 310 Permitting Business
3. 310 Application on Hold: GD 47 – 17 Paul Peterson

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

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	

4. New Application Submission

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.	

5. Adjournment of 310 Meeting