

### 310 Agenda:

MEETING CALLED TO ORDER:

THOSE PRESENT:

EXCUSED:

GUESTS:

310 INSPECTION REPORTS ~ READY FOR DECISION:

<b>Inspection Date</b>	10/12/2016	<b>Application Number</b>	GD-041-16		
<b>Applicant</b>	Matt Weaver, Five Rivers, Inc.				
<b>Landowner</b>	Bob Emery				
<b>Perennial Stream</b>	Camp Creek	<b>Section</b>	23	<b>T</b> 1N	<b>R</b> 3E
<b>Type of Project</b>	Channel Alteration				
<b>Type of Project</b>	Fish Habitat				
<b>Purpose</b>	To improve fisheries habitat. . .Camp Creek in the project area is approx. 4,260 ft long. It is proposed that within this reach 13 pools are to be excavated as trout holding water habitat, 4 riffles improved or constructed, 3 lateral bars installed to reduce channel width, and 1,220 ft of highly eroded stream bank repaired.				
<b>Inspection Recommendation</b>	Approved as Proposed				
<b>Inspection Comments</b>	Great project. Downstream recent project looks to be functioning properly at carrying to transporting sediment. Improvement to the resource. Use typical BMP's.				
<b>Discussion</b>					
<b>Board Decision</b>					

<b>Inspection Date</b>	10/12/2016	<b>Application Number</b>	GD-042-16		
<b>Applicant</b>	Montana Rail Link				
<b>Landowner</b>	Same				
<b>Perennial Stream</b>	Willow Creek	<b>Section</b>	24	<b>T</b> 1N	<b>R</b> 1W
<b>Type of Project</b>	Improvements to existing structure				
<b>Purpose</b>	MRL is proposing to encase 3 concrete piers with a shell of new concrete and rebar. . . Willow Creek will be temporarily diverted away from the piers using ecology blocks. . . approx. 82 LF of bank will be impacted. The project will extend into the water and extend away from the bank approx. 12 ft.				
<b>Inspection Recommendation</b>	On Hold				
<b>Inspection Modifications</b>	Provide design of riprapping abutments and suggested low flow channel through center bay. Dewater plan okay. Concrete pour in absolute dry only. Also part of riprap plan include removal of concrete slab debris. 318 on hold.				
<b>Discussion</b>					
<b>Board Decision</b>					

<b>Inspection Date</b>	10/11/2016	<b>Application Number</b>	GD-043-16		
<b>Applicant</b>	Damon Rao				
<b>Landowner</b>	Same				
<b>Perennial Stream</b>	Leverich Creek	<b>Section</b>	1	<b>T</b> 3S	<b>R</b> 5E
<b>Type of Project</b>	Culvert Construction				
<b>Type of Project</b>	Road Construction/Maintenance				
<b>Purpose</b>	A culvert will be installed within Leverich Creek in order to facilitate access to the Rao Subdivision by extending Haley Road to the east. The proposed 36-inch culvert is 58 LF and includes inlet and outlet protection.				
<b>Inspection Recommendation</b>	Approved with Modification				
<b>Inspection Modifications</b>	Embed culvert minimum 6" below invert upstream & downstream channel. Provide geotextile fabric along temporary diversion channel. Prefer next larger culvert size, however upstream culvert is same as proposed. Culvert proposed is the circular equivalent for the squash pipe.				
<b>Discussion</b>					
<b>Board Decision</b>					

**GALLATIN CONSERVATION DISTRICT MEETING AGENDA**  
 October 27, 2016, 4:00 p.m. 310 Business, followed by District Business  
 GCD Conference Room, 120 S 5<sup>th</sup> St, Ste B102 Manhattan MT

<b>Inspection Date</b>	10/11/2016	<b>Application Number</b>	GD-044-16 (After-the-fact)		
<b>Applicant</b>	Dan Nichols				
<b>Landowner</b>	Same				
<b>Perennial Stream</b>	Ross Creek	<b>Section</b>	22	<b>T</b>	1N <b>R</b> 5E
<b>Type of Project</b>	Ford Construction				
<b>Type of Project</b>	Ford Removal				
<b>Purpose</b>	We created a ford to cross Ross Creek to access the back hay field; the ford was removed in September.				
<b>Inspection Recommendation</b>	Approved with Modification				
<b>Inspection Modifications</b>	Recommend adding 1-2 CY of topsoil on top of placed rock, mix into rock sufficient enough to serve as stable growing media. Seed with native grasses.				
<b>Discussion</b>					
<b>Board Decision</b>					

<b>Inspection Date</b>	10/11/2016	<b>Application Number</b>	GD-045-16		
<b>Applicant</b>	Leep Hay & Grain Co., Sherwin Leep				
<b>Landowner</b>	Same				
<b>Perennial Stream</b>	South Dry Creek	<b>Section</b>	13	<b>T</b>	2S <b>R</b> 4E
<b>Type of Project</b>	Culvert Construction				
<b>Purpose</b>	Access farm field that has been inaccessible except by going through neighboring subdivision as well as serving secondary as a pivot tower bridge. Intend to install an 81" x 59" arch culvert 30' length.				
<b>Inspection Recommendation</b>	Approved with Modification				
<b>Inspection Modifications</b>	Embed 6-12" into/below channel invert. Backfill streambed material to maximum extent practical. Use riprap (D50=12") well graded on upstream & downstream face at 1:1. Minimize sedimentation during backfill.				
<b>Discussion</b>					
<b>Board Decision</b>					

EMERGENCY:

<b>Inspection Date</b>	10 /12/2016				
<b>Application</b>	GD-5E-16				
<b>Applicant</b>	Northwestern Energy				
<b>Perennial Stream</b>	East Gallatin River				
<b>Section</b>	6	<b>Township</b>	2S	<b>Range</b>	6E
<b>Cause of Emergency</b>	NW Energy is in the process of rerouting a portion of its gas transmission line Northeast of Bozeman. One phase of project is to directional drill under E Gallatin. During this drilling, a frac-out occurred which released drilling fluid (bentonite slurry) into the surface environment of the E Gallatin. Before crews could contain the release, an est. 10-20 gallon entered the water body where it was contained and removed with a vactor truck.				
<b>Action Taken</b>	The frac-out was noticed immediately by the drilling contractors spotters stationed along the drill path. The drillers initiated their frac-out plan, which included isolating the frac-out by installing sandbag cofferdams around the location and using a vactor truck to remove the fluid that had been released. It is estimated that approx. 10-20 gallons of drilling fluid was released. The cofferdam was maintained in-place and any additional fluid was removed with the vactor truck.				
<b>Date Action Taken</b>	08/20/2016				
<b>Inspection Recommendation</b>	Approval as Proposed				
<b>Inspection Comments.</b>					
<b>Discussion</b>					

<b>Inspection Date</b>	10 /12 /2016				
<b>Application</b>	GD-6E-16				
<b>Applicant</b>	Northwestern Energy				
<b>Perennial Stream</b>	Bozeman Creek				
<b>Section</b>	6	<b>Township</b>	2S	<b>Range</b>	6E
<b>Cause of Emergency</b>	NW Energy is in the process of rerouting a portion of its gas transmission line Northeast of Bozeman. One phase of project is to directional drill under Bozeman Creek. During this drilling, a frac-out occurred which released drilling fluid (bentonite slurry) into the surface environment of the eastern edge of Bozeman Creek.				

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**Action Taken** The frac-out was noticed immediately by the drilling contractors spotters stationed along the drill path. The drillers initiated their frac-out plan, which included isolating the frac-out by installing sandbag cofferdams around the location and using pumps to remove the fluid that had been released. It is estimated that approx. 5 gallons of drilling fluid was released into the water. The cofferdam was maintained in-place and any additional fluid was pumped away from the water.

**Date Action Taken** 08/23/16

**Inspection Recommendation** Approval as Proposed

**Inspection Comments.**

**Discussion**

**Inspection Date** 10/12/2016

**Application** GD-7E-16

**Applicant** Northwestern Energy

**Perennial Stream** East Gallatin River

**Section** 6                      **Township** 2S                      **Range** 5E

**Cause of Emergency** NW Energy is in the process of rerouting a portion of its gas transmission line Northeast of Bozeman. One phase of project is to directional drill under E Gallatin. During this drilling, there were two frac-outs, which released drilling fluid (bentonite slurry) into the surface environment. The 1st frac-out was 08/31/2016 at 6:60 pm and there was a release of approx. 50 gallons of fluid into the river. The 2nd frac-out occurred on 09/02/2016 at 10:15 am and there was a release of approx. 500 gallons.

**Action Taken** The frac-out was noticed immediately by the drilling contractors spotters stationed along the drill path. They initiated their frac-out plan, which included isolating the frac-out by installing sandbag cofferdams around the frac-out and across the river to reduce the flow of bentonite going downstream. They then used a vac truck to remove as much bentonite as possible from the river. The drilling contractor has ceased operations and is planning on doing another bore at approx. 50' below the river. The current bore is 22' below the river.

**Date Action Taken** 09/02/16

**Inspection Recommendation** Approval as Proposed

**Inspection Comments.**

**Discussion**

**Inspection Date** 10/12/2016

**Application** GD-8E-16

**Applicant** Justin Kamerman

**Perennial Stream** Trib of Rey Creek

**Section** 33                      **Township** 2N                      **Range** 2E

**Cause of Emergency** Work up above on Rey Creek silted in Little Rey Creek. We need stock water for adjacent neighbors.

**Action Taken** Clean and remove silt and debris to restore original depth and provide an adequate amount of water to pass

**Date Action Taken** 09/01/16

**Inspection Recommendation** Approval as Proposed

**Inspection Comments** Increased sediment in Rey Creek over past 3-4 years & removal of grazing has likely caused plugging of stream. Mini excavator used primarily at head gate to restore conveyance at gate/culvert, then downstream for approx. 300 ft. ..will likely recolonize..no additional work recommended. 5-year maintenance permit suggested.

**Discussion**

OLD BUSINESS:

NEW BUSINESS:

GD-28-16 Modification Request on WF of Gallatin River permitted in August. Requesting to cross the river with equipment, see letter. Submitted by Jeff Dunn of Respec.

GD-36-16, Modification Request on Denny Creek permitted in August. Requesting to replace outlet, eliminate a culvert, change flushing flow outlet location, use agri drain overflow; see letter from Earth Stabilization & Engineering for complete description.

PUBLIC COMMENT:

EXECUTIVE SESSION:

## **District Business Agenda:**

MEETING CALLED TO ORDER:

THOSE PRESENT:

READING AND APPROVAL OF MINUTES FOR Sept 15 2016:

GUESTS:

NEW BUSINESS: Missouri River Conservation District Council is asking for a designated representative to serve on the council. Please see letter.

Discuss opportunities at the Education & Outreach Center with MSU Extension.

OLD BUSINESS:

GRANTS/AGREEMENTS/CONTRACT REPORT:

WELL-TESTING COST SHARE PROGRAM:

COST SHARE PROGRAM:

STAFF REPORT:

Marcie, at meeting, see written report

CONSERVATION DISTRICT REPORTS:

Loren, Associate Supervisor serving on the Gallatin County Planning Board.

Bob, Urban Supervisor serving on the Manhattan City/County Planning Board

AGENCY REPORTS:

Chris Mahoney – Bozeman DC

CHECKS FROM MANHATTAN CHECKING:

<b>Num</b>	<b>Date</b>	<b>Name</b>	<b>Item</b>	<b>Paid Amount</b>
1090	08/25/2016	Greenhome Commercial Condos	Water test cost share	40.00
1091	09/19/2016	Madison CD	Area 6 meeting registration	15.00
1092	10/06/2016	Office Depot*	Office phones	159.98*

\*Check written but not accepted at Office Depot; voided

CREDIT CARD:

<b>Date</b>	<b>Num</b>	<b>Name</b>	<b>Memo</b>	<b>Amount</b>
09/09/2016	9402	United States Postal Service	Mail Supervisor Packets	10.20
09/14/2016	5300	Costco	New phones for CD office, non-VOIP	109.98
09/21/2016	4814	Century Link	Internet service	136.89
09/23/2016	5111	Main Street Office	District handouts	208.00
09/27/2016	5411	Costco	Return office phones, won't work with Charter	-99.99
09/27/2016	5943	Staples	New office phones, 2 line, 2 phones (returned)	166.28
				531.36

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**INVOICES TO PAY** (may add more prior to meeting)

<b>Date</b>	<b>Num</b>	<b>Name</b>	<b>Memo</b>	<b>Amount</b>
09/30/2016	74456	Bozeman Daily Chronicle	Ad in BN for potato festival	100.00
09/23/2016	11230	Campbell's Plumbing & Heating, Inc.	Fix heat in B104 and filters	419.00
09/29/2016	09/27/2016	Charter Communications	Installation fee	99.00
10/03/2016	2116148-4	NorthWestern Energy	September power	194.38
09/19/2016	0816-090	RESPEC	August 2016 Inspections	1,668.48
10/12/2016	0916-113	RESPEC	September 2016 Inspections	600.00
10/03/2016	1106	Town Center Condominium POA	November Condo dues	666.90
10/03/2016	10/01/2016	Town of Manhattan	September water at 123 S Broadway	29.30
10/03/2016	10/02/2016	Visa	September CC charges	531.36
9/23/2016	61949	Concrete Materials	4 blocks,	600.00
10/3/2016	45233	NACD**	2017 Dues	?
10/06/2016	10/06/2016	Marcie	Office phones	159.98

\*\*CD has paid \$775 since 2004. Consider an increase?

**DEPOSITS RECEIVED:** \$80.00 two critter ramps (Arthun)

**TREASURER'S REPORT:**

P&L, Balance,  
 Sign new authorized check signer sheet for 1<sup>st</sup> Interstate.  
 Sign Stockman Bank new account sheet  
 Approve Department of Administration financial report.

**REVIEW WORK PLAN**

**CD SEMINARS/ WORKSHOPS:** Marcie is working on.

**MEETINGS/EVENTS:**

- The Montana Land Reliance is hosting an Ag Forum on November 3, 2016 at the Gathering Place in Three Forks, begins at 8:00 a.m.
- MACD Convention is November 15-17 in Sidney.

**CORRESPONDENCE:**

**EXECUTIVE SESSION:**

**PUBLIC COMMENT:**

**MEETING ADJOURNED:**