



## Gallatin Conservation District Meeting Agenda

October 16, 2017

GCD Conference Room, 120 S 5<sup>th</sup> Street, Suite B102, Manhattan MT

### 310 MEETING AGENDA

1. Meeting Called to Order & Roll Call
2. Public Comments on District 310 Permitting Business
3. 310 Violation Complaint #1: GD 5C-17 Rosa Johnson Development (Annie Street crossing of Baxter Creek)
4. 310 Inspection Reports: Ready for Discussion and Board Decision

Inspection Date: 10/10/2017	Application Number: GD 44-17
Applicant:	Andy Klinnert, Arvig Enterprises, Inc.
Landowner:	n/a
Contractor/Agent:	Steve Malinkowski, AEI Construction Inc
Perennial Stream:	Unnamed Creek
Type of Project:	Other: Fiber Optic Line
Purpose:	Direct bury fiber optic line starting on Vaquero Parkway along Davis Lane, Cattall Street, and Max Avenue.
Proposed Construction Date:	Start date: 10/9/2017 Finish date: 3/31/2018
Inspection Recommendations:	Withdraw
Inspection Comments:	Determined not a project since directional drilling beyond bed & banks and below approximately 48".

Inspection Date: 10/10/2017	Application Number: GD 45-17
Applicant:	Spencer Jo, LLC
Landowner:	Spencer Jo, LLC
Contractor/Agent:	Lynn Bacon, TerraQuatic, LLC
Perennial Stream:	McDonald Creek
Type of Project:	Bridge/Culvert/Ford Construction
Type of Project:	Road Construction/Maintenance
Type of Project:	Channel Alteration ("True" irrigation Ditch)
Type of Project:	Commercial Structure
Others:	Wetland Alteration, Parking/turning lots, and Placement of Fill
Purpose:	Development of a commercial building site that would include service and storage buildings, parking lots, and entrance driveway. The proposed work of 0.49-acre wetland fringe along McDonald Creek and a narrow true irrigation ditch (0.06-acre constructed in upland and does not convey ground water). Channel bed impacts would total 410 linear feet (LF): irrigation ditch bed 357 LF and McDonald Creek channel bed 53 LF. One commercial drive approach off adjacent Gooch Hill Road will provide ingress/egress.
Proposed Construction Date:	Start date: 11/15/2017 Finish date: 8/15/2018
Inspection Recommendations:	Approval with modifications; waive 15-day waiting period
Inspection Comments:	Recommend approval conditional on submittal of site plan & culvert/stream profile. Downstream culvert is 36" which appears undersized so request 48" CMP (or equivalent squash) and not 24" pipe. Embed 4-6" below streambed bottom. May need future amendment to shift culvert location south.

Inspection Date: 10/10/2017      Application Number: GD 46-17  
Applicant:                              Tench Coxe (Americus, LLC)  
Landowner:                             Americus, LLC (Tench Coxe)  
Contractor/Agent:                    Scott Davis, Pond & Stream Consulting, Inc.  
Perennial Stream:                    Ben Hart Creek  
Type of Project:                      Excavation (Pond)  
Type of Project:                      Fish Habitat  
Type of Project:                      Improvement to Existing Structure  
Type of Project:                      Wetland Alteration (expansion)  
Others:                                 Pond (improve existing), Placement of Fill, Improvement of Wetland and Fish and Wildlife Habitat  
Purpose:                                To increase emergent wetland area and improve fish and wildlife habitat in a pre-existing degraded pond. The project will expand the area of emergent wetland vegetation at the site.  
Proposed Construction Date:      Start date: 11/01/2017      Finish date: 10/31/2018  
Inspection Recommendations:      Withdraw  
Inspection Comments:              Not a jurisdictional project

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.

Inspection Date: 10/10/2017      Application Number: GD 48-17  
Applicant:                              Darrel DeHaan  
Landowner:                             Darrel DeHaan  
Contractor/Agent:                    Darrel DeHaan  
Perennial Stream:                    West Gallatin River  
Type of Project:                      Bank Stabilization/Alteration  
Purpose:                                The river has been eroding away for the past 5 years. It has taken out about 20 feet at that corner. I want to stabilize that corner. We will bring in 25 yards of pit run to fill in existing hole. Then bring in 40 tons of large boulders and stack them against the new fill. We will line about 30 feet of the bank with rock. This will not change the flow of the river.  
Proposed Construction Date:      Start date: 11/01/2017      Finish date: 11/01/2018  
Inspection Recommendations:      Approval with modifications; waive 15-day waiting period  
Inspection Comments:              In conjunction with proposed project, recommend that old combine in the bank be removed. The applicant was amenable to this. Work during low water. Reseed and use best management practices (BMP) as necessary.

Inspection Date: 10/10/2017	Application Number: GD 49-17
Applicant:	Walter Wolf, Flanders Mill, LLC
Landowner:	City of Bozeman
Contractor/Agent:	Lynn Bacon, TerraQuatic LLC
Perennial Stream:	Maynard-Border Irrigation Ditch
Type of Project:	Channel Alteration; Placement of Fill
Purpose:	The channel and side slopes require additional erosion control measures. Erosion control fabric was used to stabilize the bed and side slope, however energy dissipation measures are required because of intermittent and irregular high flows anticipated in the early spring. Riprap is proposed to stabilize the inlets and outlets of the Annie and Oak Street culverts and sediment control logs are proposed for channel bed stabilization.
Proposed Construction Date:	Start date: 10/01/2017    Finish date: 11/01/2017
Inspection Recommendations:	Approval with modifications
Inspection Comments:	Recommend approval conditional upon drawings of check logs-spacing & anchoring included with application, as well as fabric and how it will be anchored. How are longs configured in channel? No plan submitted. Please explain reasoning behind triangle orientation.

Inspection Date: 10/10/2017	Application Number: GD 50-17
Applicant:	Brandon Whallon, Hawkins Companies LLC
Landowner:	David Osterman, Whitefish LP VI & VI
Contractor/Agent:	Erik Garberg, CTA Architects & Engineers
Perennial Stream:	East Fork Catron Creek
Type of Project:	Bridge/Culvert/Ford Construction
Purpose:	The project will remodel the existing Dollar Spree store and construct five other shops. The project will also require City of Bozeman improvements including parking, landscaping, and stormwater improvements. To accommodate these improvements, the project proposes to extend the exiting culvert to the north property line.
Proposed Construction Date:	Start date: 03/15/2018    Finish date: 05/01/2019
Inspection Recommendations:	Approval with modifications
Inspection Comments:	Recommend approval conditional on submittal of profile of culvert and tie in to existing channel downstream. Embed minimum 4-6" at outlet. Nice cottonwood gallery proposed for removal. Would prefer to work existing channel and riparian zone into AC plan rather than bury. Work during low flow.

6. 310 Old Business

Inspection Date: 9/13/2017	Complaint Number: GD 5C-17
Application: GD 14-16	
Alleged Violator:	John Rosa
Perennial Stream:	Baxter Creek
Natural of Complaint:	Initial project and 310 permit application (GD-038-13) included 3 crossings of Baxter Creek and one crossing of an unnamed tributary to Baxter Creek. Project was not completed within 1 year, and permit GD-038-13 expired on 1-17-2014. A new application was submitted in February 2015 which included the same previous culverts proposed in GD-038-13 <b>plus</b> two additional culverts on Baxter Creek. Permit GD-07-15 was issued for all culverts (total of 6) with modifications for the two additional culverts to adjust location approx. 30' upstream and specify that culverts be countersunk 6" below streambed elevation. GD-07-15 expired in February 2016. In March 2016, a new 310 application (GD-014-16) was submitted for the same 6 culverts and approved with modifications (same modifications as those provided for GD-07-15). Permit GD-014-16 was issued and was effective until March 24, 2017.

Installation of the culvert at Annie Street (Site/Impact #1 of the 6 permitted culverts) occurred sometime during the fall of 2016.

On September 13, 2017, the 310 inspection team consisting of Mike Rotar (RESPEC) and Dave Moser (MTFWP) conducted an onsite inspection for 310 application GD-040-17, which was submitted to extend/renew GD-014-16 for pending installation of a culvert at the Oak Street crossing of Baxter Creek. During that site visit, a recommendation was made by the engineer that we visit the Annie Street crossing nearby to get an idea of how the installation at Oak Street would look when completed.

Description of Activity: Upon visiting the Annie Street culvert it was immediately evident that an excessive amount of riprap had been placed along the banks of Baxter Creek on the upstream side of the culvert. Riprap was placed along the bank on both sides for the creek, extending upstream from the culvert inlet for approximately 75 feet. The riprap extends up the bank from the toe of the slope for approximately 5 feet. ... The original permit application (GD-038-13) specified riprap (rock) would be used at the, "...edge of the flared ends to prevent erosion." No quantities for the riprap were specified.

Comments:  
This 310 Violation Complaint was discussed at the September 21, 2017 Board of Supervisors Meeting, but no actions were taken.

6. 310 New Business

310 Violation Complaint: GD 6C-17 Betty Stroock

5. Adjournment of 310 Meeting



## Gallatin Conservation District Meeting Agenda

October 16, 2017 at 5:30 PM

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### **BUSINESS MEETING AGENDA**

1. Guests & Public Comments on District Business Meeting
2. Consensus Agenda
  - a. September meeting minutes
  - b. Special 310 meeting minutes
3. NRCS: Chris Mahony, Justin Meissner
4. Grants/Agreements/Contract Report
5. Old Business
  - a. Who's planning on attending the MACD Convention? Raffle tickets?
6. New Business
7. Grants/Agreements/Contract Report
8. Well-Testing Cost Share Program: None
9. Cost Share Program: None
10. CD Seminars/Workshops
11. Correspondence and Handouts
12. Accounting
13. Adjournment of Meeting

Accounting

**Checks from Manhattan Checking:** None

**Pending Deposits (Manhattan Bank)**

<u>Date</u>	<u>Name</u>	<u>Item</u>	<u>Amount</u>
	River Continuum Concepts	September 15-October 15	\$995.00
			\$995.00

**ACH from First Interstate Checking**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Item</u>	<u>Amount</u>
ACH	9/27/2017	Mary Hendrix	Payroll PP ending 9/15/2017	\$1,244.64
ACH	9/27/2017	Leia Miller	Payroll PP ending 9/15/2017	\$405.73
ACH	9/27/2017	MPERA	PERS	\$248.82
ACH	10/11/2017	Mary Hendrix	Payroll PP ending 9/29/2017	\$1,244.64
ACH	10/11/2017	Leia Miller	Payroll PP ending 9/29/2017	\$612.83
ACH	10/11/2017	MPERA	PERS	<u>\$248.82</u>
				\$4,005.48

**Invoices to pay**

<u>Check #</u>	<u>Invoice#</u>	<u>Vendor</u>	<u>Memo</u>	<u>Amount</u>
	1213	Town Center Condos	Condo Fees September 2017	\$680.34
	693-00	Town of Manhattan	Water & Sewer	\$36.70
	7834	VISA	Credit Card	\$285.17
	1196	Shawna Taylor	September Mowing Service	\$80.00
	2116158-3	NorthWestern Energy	Electric Bill	\$242.62
	INV-0916-066	RESPEC	September 310 Inspections	\$2,238.18
	n/a	Paul Gaffney	Fuel Reduction Cost Share	\$650.00
	45233	NACD	Annual Dues	<u>\$700.00</u>
				\$4,913.01

**Pending Credit Card charges (will be on next month's statement)**

<u>Date</u>	<u>Name</u>	<u>Item</u>	<u>Amount</u>
10/4/2017	Spectrum Business	Telephone	\$100.23
			\$100.23