

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
July 24, 2014 –4:00 p.m. 310 Business; 7:00 p.m. District Business  
GCD Conference Room, 120 S 5<sup>th</sup> St, Manhattan MT

**4:00 310 Business Agenda:**

MEETING CALLED TO ORDER:

THOSE PRESENT:

GUESTS:

310 INSPECTION REPORTS ~ READY FOR DECISION:

<b>Inspection Date</b>	7/16/2014	<b>Application #</b>	GD-026-14
<b>Applicant</b>	Montana Rail Link		
<b>Landowner</b>	Same? Easement?		
<b>Perennial Stream</b>	Mill Ditch	<b>Section</b>	5 T 2S R 6E
<b>Type of Project</b>	Other-Bridge/Culvert		
<b>Purpose</b>	To maintain an existing deteriorating concrete box culvert by encasing the existing abutment walls, adding a concrete floor, and adding a steel beam top to support the existing concrete top slab.		
<b>Inspection Recommendation</b>	Not Inspected - Admin: Not a Project		
<b>Discussion</b>			
<b>Board Decision</b>			

<b>Inspection Date</b>	7/16/2014	<b>Application #</b>	GD-027-14
<b>Applicant</b>	The Trust for Public Lands, Attn Maddy Pope		
<b>Landowner</b>	Same		
<b>Perennial Stream</b>	East Gallatin River	<b>Section</b>	6 T 1S R 6E
<b>Type of Project</b>	Other; wetland and stream		
<b>Purpose</b>	Improve natural fluvial processes by selectively removing man-made materials from roughly 2,460 ft of bank and channel of the E Gallatin. Fill drainage ditches and naturalize and existing groundwater fed pond through creating a more natural pond footprint. Create roughly 1.6 acres of new floodplain area along the E Gallatin River.		
<b>Inspection Recommendation</b>	Approved as Proposed		
<b>Inspection Comments</b>	Rip rap and debris to be removed from stream bank should be supervised full-time by engineer to ensure bank stability is maintained.		
<b>Discussion</b>			
<b>Board Decision</b>			

<b>Inspection Date</b>	7/16/2014	<b>Application #</b>	GD-028-14
<b>Applicant</b>	The Trust for Public Lands, Attn Maddy Pope		
<b>Landowner</b>	Same		
<b>Perennial Stream</b>	Bozeman Creek	<b>Section</b>	6 T 1S R 6E
<b>Type of Project</b>	Other; wetland and stream		
<b>Purpose</b>	This project is part of the larger Story Mill project. The purpose of this specific portion of the project is to create a backwater slough adjacent to Bozeman Creek that will help to improve the water quality and create additional wetland and riparian habitat.		
<b>Inspection Recommendation</b>	Approved as Proposed		
<b>Discussion</b>			
<b>Board Decision</b>			

<b>Inspection Date</b>	7/16/2014	<b>Application #</b>	GD-029-14
<b>Applicant</b>	Montana Rail Link		
<b>Landowner</b>	Same		
<b>Perennial Stream</b>	Missouri River	<b>Section</b>	24 T 3N R 2E
<b>Type of Project</b>	Other; erosion blanket, seeding		
<b>Purpose</b>	To revegetate embankment disturbed during emergency repairs under 310 Emergency GD-03E-14.		
<b>Inspection Recommendation</b>	Not Inspected - Mitigation for GD-03E-14 (RR Milepost 176.2)		

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
 July 24, 2014 –4:00 p.m. 310 Business; 7:00 p.m. District Business  
 GCD Conference Room, 120 S 5<sup>th</sup> St, Manhattan MT

**Discussion**  
**Board Decision**

**Inspection Date** 7/16/2014                      **Application #**                      GD-030-14  
**Applicant** Montana Rail Link  
**Landowner** Same  
**Perennial Stream** Missouri River                      **Section** 24    **T** 3N    **R** 2E  
**Type of Project** Other; erosion blanket, seeding  
**Purpose** To revegetate embankment disturbed during emergency repairs under 310 Emergency GD-04E-14.  
**Inspection Recommendation** Not Inspected - Mitigation for GD-04E-14 (RR Milepost 181.2)  
**Discussion**  
**Board Decision**

**Inspection Date** 7/16/2014                      **Application #**                      GD-031-14  
**Applicant** Brian and Deborah King  
**Landowner** Same  
**Perennial Stream** Unnamed Spring Creek                      **Section** 32    **T** 2N    **R** 3E  
**Type of Project** Bank Stabilization/Alteration  
**Type of Project** Channel Alteration/Placement  
**Type of Project** Improvement to Existing  
**Type of Project** Fish Habitat/Flood Damage  
**Purpose** Restoration of stream gradient to maintain existing diversion structures that were abandoned via channel degradation due to extreme flooding on March 6th (GD-20-14.) it includes restoration of stream gradient below each of these two structures, stream bank stabilization, and channel narrowing for the purpose of trout habitat improvement. Trout habitat will be improved via development of a narrower, more stable channel and consequent reduction in fine sediment recruitment and channel over-widening... Within the proposed 3,170 foot project reach, approximately 2,280 feet of stream is proposed for modification in some way.  
**Inspection Recommendation** Approved as Proposed  
**Discussion**  
**Board Decision**

**Inspection Date** 7/16/2014                      **Application #**                      GD-032-14  
**Applicant** Four Points, MT, LLC; Luke Tracey  
**Landowner** Same  
**Perennial Stream** UT Buster Gulch                      **Section** 34    **T** 1S    **R** 5E  
**Type of Project** Culvert Construction/Culvert Removal  
**Type of Project** New Residential Structure  
**Type of Project** Placement of Fill/Road Construction/Maintenance  
**Type of Project** Other-Major Subdivision  
**Purpose** An existing 36-inch RCP culvert in (UT of Buster Gulch) will be replaced with a 76-foot arched RCP culvert for the construction of Street A  
**Inspection Recommendation** Approval with Modifications  
**Inspection Modifications** Invert of culvert to be placed 6" below existing grade. Recommend construction occur at low water (fall/winter) and dewatering around site with pumping over road prism. Please provide dewatering plan to  
**Discussion**  
**Board Decision**

**Inspection Date** 7/16/2014                      **Application #**                      GD-033-14  
**Applicant** Gordon & Margaret Lehmann  
**Landowner** Same  
**Perennial Stream** UT of Gallatin River                      **Section** 10    **T** 3S    **R** 4E  
**Type of Project** Culvert Construction  
**Purpose** During high water beavers blocked culvert entrance....re-install existing culvert that was washed out; culvert size is 36" round and approx. 12' long.

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
 July 24, 2014 –4:00 p.m. 310 Business; 7:00 p.m. District Business  
 GCD Conference Room, 120 S 5<sup>th</sup> St, Manhattan MT

<b>Inspection Recommendation</b>	Approved as Proposed
<b>Inspection Comments</b>	Replacement of existing culvert.
<b>Discussion</b>	
<b>Board Decision</b>	

<b>Inspection Date</b>	7 /16/2014	<b>Application #</b>	GD-034-14
<b>Applicant</b>	Montana State University		
<b>Landowner</b>	Same		
<b>Perennial Stream</b>	Mandeville Creek	<b>Section</b>	13 T 2S R 5E
<b>Type of Project</b>	Bridge/Culvert Removal		
<b>Type of Project</b>	Channel Alteration		
<b>Type of Project</b>	Wetland Alteration		
<b>Type of Project</b>	Other - ?		
<b>Purpose</b>	...the existing culvert needs to be extended to the south a total of 24 feet. We propose removing the existing flared end terminal section, installing 24 feet of new culvert, and then replace the flared end section. The removal of an existing wooden pedestrian bridge and installation of a new ADA accessible pedestrian bridge is also proposed with the project. Construction design of bridge has not been completed. Two storm drainage outlet pipes will also be installed and outlet to Mandeville Creek.		
<b>Inspection Recommendation</b>	Approved as Proposed		
<b>Inspection Comments</b>	Existing culvert is exceptionally long (+/- 300'), however it has been in place for 40+ years so allowing this extension, in this case, is ok.		
<b>Discussion</b>			
<b>Board Decision</b>			

<b>Inspection Date</b>	7 /16/2014	<b>Application #</b>	GD-035-14
<b>Applicant</b>	Genesis Engineering Inc.		
<b>Landowner</b>	Bozeman High School District #7		
<b>Perennial Stream</b>	Mandeville Creek	<b>Section</b>	12 T 2S R 5E
<b>Type of Project</b>	Other, restoration and		
<b>Purpose</b>	Restoring natural channel and riparian function...as a watershed stewardship & education project for the High School...Project reach consists of 2290 ft of channel in 7 reaches isolated in a straight ditch. In phases 1-3 a slightly sinuous 792 ft long channel will be constructed with a functional inset floodplain/wetland that will be revegetated with native riparian plants, shrubs and trees. Two culverted sections will be replaced with 2 pedestrian bridges. In phases 5-7 the existing stream will be re-naturalized in place with plantings. Phase 4 is not part of project.		
<b>Inspection Recommendation</b>	Approved as Proposed		
<b>Discussion</b>			
<b>Board Decision</b>			

ON HOLD:

<b>Inspection Date</b>	6 /11/2014	<b>Application Number</b>	GD-022-14
<b>Applicant</b>	Flanders Mill, LLC		
<b>Landowner</b>	Same		
<b>Perennial Stream</b>	UT Baxter Creek	<b>Section</b>	3 T 2S R 5E
<b>Type of Project</b>	Culvert Construction		
<b>Type of Project</b>	Channel Alteration/Wetland Alteration		
<b>Type of Project</b>	Stream Realignment		
<b>Type of Project</b>	Placement of Fill		
<b>Purpose</b>	Stream is currently located in the Baxter Lane borrow ditch. Project is being developed for residential housing...UT Baxter Creek will be realigned and enhanced to provide public park and recreational areas. Install culvert extensions on the west end of the current Ferguson culverts and the south end of Baxter Lane culverts. Approx. 50 woody plants will be installed along the (new) stream corridor.		
<b>Inspection Recommendations</b>	Approved with Modifications		
<b>Inspection Modification</b>	Recommend placing rest area (box) at junction between existing culverts and		

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
July 24, 2014 –4:00 p.m. 310 Business; 7:00 p.m. District Business  
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extensions. A better option for the resource would have been to pipe flow through a new culvert that would run under the extension of Ferguson Lane.

**Discussion**

*Discussion for this project took place during GD-23-14 which was discussed prior to this one.*

Sherwin – move to place on hold pending further info

John V- second

Motion carries

**Board Decision** On Hold

**7-24-14 Discussion** (drawing received 7-15-14 for this project, in packet)

<b>Inspection Date</b>	6/11/2014	<b>Application Number</b>	GD-023-14		
<b>Applicant</b>	Flanders Mill, LLC				
<b>Landowner</b>	Same				
<b>Perennial Stream</b>	UT Baxter Creek	<b>Section</b>	3	<b>T</b> 2S	<b>R</b> 5E
<b>Type of Project</b>	Culvert Construction				
<b>Type of Project</b>	Channel Alteration/Wetland Alteration				
<b>Type of Project</b>	Stream Realignment				
<b>Type of Project</b>	Placement of Fill				

**Purpose** Project is being developed for residential housing....UT Baxter Creek will be realigned and enhanced....Create 5185 feet of functioning channel to replace existing 3411 ft. agricultural drain feature. (Proposing 9 culverts for total of 1184 feet)

**Inspection Recommendations** Approved with Modifications

**Inspection Modification** Recommend that proposed culverts be increased in size slightly to approx. 60" in width. Also, a resting area (box) needs to be placed in culverts having lengths greater than 80'. Note: culvert at Oak St can have a single resting area (box), culvert at Baxter Lane to have 2 resting areas (boxes.)

**Discussion**

This conversation is for GD-23-14: Realign stream, +1774 of stream increase. .47 acre wetland to 2.26 more wetland. Planting trees, within new stream will be 3 foot bridges, 5 culverts, double under Baxter Lane. Talked about increasing 50" diameters and the client doesn't want to do custom, but they do 59", its \$116 per foot verses \$91 per foot. Issue of all of these culverts are over 80 feet, FWP likes to see resting aperture, they would let us put in...\$3500 for single, \$6000 for double box. Just trying to weight in..he's chosen to put in park land if we do this. If we do the new stream the current stream would become a ditch and would you care? He may agree to putting a short culvert onto Ferguson.

Mike R – we've tried to stick with not having culverts over 80 feet and we ask for resting area if going over. Bruce Anderson is helping Lynn with this.

Lynn - 6' span by 4' rise but those are expensive.

Mike V – sounds like a lot of money but we're talking 5 road crossings and that doesn't sound as bad. It's a giant project.

Lynn – there's an elbow in Baxter/Border ditch, there's an elbow in them and that length is 360 right now. City wanted us to put in pipe and I told them no. If we did go into Ferguson we would gain 190 stream feet and keep out of pipe.

Mike R – I like that we're gaining stream but it's the length of culverts that is problematic and resting areas are a necessary compromise.

Mike V – I don't even like a box.

John V - have you looked at bridges

Lynn – no, I'm sure expensive. Would it help to go 59"

Mike R – would help a little but not much.

John V – recommend that they put bridges in, 400+ subdivision, should be money to take care of infrastructure. I think the split road would be better than the boxes and wouldn't be in favor of a long culvert.

Lynn – a possible solution; put bigger culvert instead of a box. I will agree for the client. We will do two of these on the double culverts. Lynn then went to call client but unable to get ahold of.

Sherwin – move to place on hold pending further info

John V- second

Motion carries

**Board Decision** On Hold

**7-24-14 Discussion** (drawing received 7-15-14 for this project, in packet)

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
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COMPLAINT:

<p><b>Complaint Number:</b> GD-03C-14                      <b>Stream</b> Mill Creek <b>Alleged Violator:</b> Bill Haugland <b>Address:</b> 4700 Biggs Haugland Road <b>City:</b> Belgrade <b>Complaint:</b> We (Randall Pates) have water rights from Mill Creek in Section 11 and 12 and have concerns regarding what appears to be a permanent diversion of the tributaries of Mill Creek. <b>Inspection Results:</b> Has been completely or partially blocked from its natural flow course at several locations by artificial rock diversion structures. <b>Recommendations:</b> Activity has been initiated on a perennial flowing stream without a valid permit. The larger diversion structures, which consist of complete rock walls, should be removed to allow at least a portion of the flows to access natural drainage channels for Mill Creek. A more thorough evaluation of water rights is also warranted to ascertain specific rights, ownership, POD, and points of use. <b>Discussion:</b></p>
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PERMIT MODIFICATION REQUEST: GD-14-14 – Katie Cooper, Jefferson River, Was approved 6-19-14 to install soft bioengineering along Jefferson River bank to protect pivot field. Is requesting modification to install rock spur and also install woody debris.

OLD BUSINESS:

NEW BUSINESS: One year extension request for Kearns Construction (Tim Kerns), GD-33-13, Bozeman Creek, approved for a bridge. Permit expires 8-21-14.

PUBLIC COMMENT:

**7:00 District Business Agenda:**

MEETING CALLED TO ORDER:

THOSE PRESENT:

READING AND APPROVAL OF MINUTES FOR June 19, 2014:

GUESTS:

OLD BUSINESS:

Update on curbing and paving for Nick's parking lot? The weeds on his property, next to our fence, are becoming a bit problematic also because some are creeping through, some are so tall and they are seeding out on our property. It's temporary but it would be great if he could control the weeds.

NEW BUSINESS:

GRANTS/AGREEMENTS/CONTRACT REPORT:

- RRGL for \$100,000.00
- 223 grant for Education and Outreach Center, \$10,000. Sent last invoice for \$3700
- DNRC Capacity Grant for \$5000.00, will invoice in August.

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
 July 24, 2014 –4:00 p.m. 310 Business; 7:00 p.m. District Business  
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- MOA to GBSWC for \$1500.00; Big Sky Resort Tax allocated funding for cost share so they don't need the funding from us. See email received 7-16-14 for further detail.

WELL-TESTING COST SHARE PROGRAM:

STAFF REPORT:

Michael, at meeting, see written report  
 Marcie, at meeting, see written report.

ASSOCIATE SUPERVISOR REPORTS:

Loren, at meeting

AGENCY REPORTS: (10 Minutes per Agency)

NRCS  
 MSU Extension

CHECKS FROM MANHATTAN CHECKING:

Num	Date	Name	Item	Paid Amount
1053	06/25/2014	Custom Craft Structures, LLC	Education and Outreach Center 2 <sup>nd</sup> Greenhouse pymt	-5,000.00
1054	06/25/2014	Five Rivers	Darlington #1	-45,941.05
1055	06/25/2014	Westscape Nursery	Landscaping	-39.50
1056	07/15/2014	Frontier Portable Buildings	Storage Shed	-850.00
1056	07/15/2014	Frontier Portable Buildings	Building Expense	-800.00
1057	07/17/2014	Iron Horse Concrete Construction	Storage Shed	-1,971.00

CREDIT CARD:

06/02/2014	21543	AquaTech	Irrigation system supplies	29.99
06/02/2014	77419	Belgrade Sales & Service	Trimmer	180.00
06/02/2014	182071	True Value	Weed Fabric & anchor pins	148.96
06/05/2014	3109	United States Postal Service	lg envelope postage	1.61
06/09/2014	June 2014	Montana Health Cooperative	Health Insurance, June	336.87
06/12/2014	189298	True Value	Lawnmower, E&O supplies	448.95
06/12/2014	5513	Cashman Nursery	Pollinator garden plants	385.04
06/12/2014	0780	True Value	gas cans	45.00
06/13/2014	5151	Sir Scott's Oasis	Employee Lunches	22.00
06/16/2014	14045491820	Century Link	July Internet	102.94
06/18/2014	4214	Scenic City Trucking	landscape rock	295.25
06/19/2014	5251	True Value	weed fabric	33.99
06/19/2014	5812	Sir Scott's Oasis	Board Dinner	101.00
06/25/2014	5542	Thriftway	gas for mower/weed eater	7.12
06/25/2014	5541	Rocky Mountain Supply	Fertilizer for lawn	21.95
06/25/2014	5251	True Value	e&o items	58.23
				2,218.90

GALLATIN CONSERVATION DISTRICT MEETING AGENDA  
July 24, 2014 –4:00 p.m. 310 Business; 7:00 p.m. District Business  
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INVOICES TO PAY (may add more prior to meeting)

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
07/01/2014	212240	Jive Communications, Inc.	Phone for June	114.71
06/26/2014	2116147-6	NorthWestern Energy	June power	245.99
06/19/2014	0514-091	RESPEC	May 310 inspections	1,012.50
06/27/2014	0614-065	RESPEC	June 310 inspections	675.00
07/01/2014	1005	Town Center Condominium POA	July 2014 Condo dues	625.44
07/01/2014	June water	Town of Manhattan	June 2014 water for E&O Center	30.93
06/30/2014	June VIC	Valley Improvement Center	E&O supplies	34.14
06/20/2014	14/15 Renewal	Western States Insurance	14/15 Maco Renewal	2,720.00

DEPOSITS RECEIVED:

TREASURER'S REPORT:

P&L, Balance;

Authorize increased amount for ACH going through 1<sup>st</sup> Interstate now that we have two employees.

SCHEDULE 2014 ACTION PLAN MEETING

SEMINARS/ WORKSHOPS:

CORRESPONDENCE:

EXECUTIVE SESSION:

PUBLIC COMMENT:

MEETING ADJOURNED