

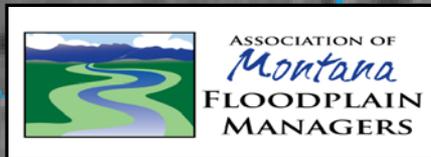
MONTANA DNRC
Floodplain Resource Seminar
University of Montana – Helena
College of Technology
July 18, 2012



FEMA



Floodplain Engineering 101 Workshop



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DNRC Website: www.mtfloodplain.mt.gov

Floodplain Engineering 101 Workshop

Welcome & Introduction

Before we get started:

- **Sign-In Sheet** - PE/CFM Credits
- **DNRC Website** – Attendance List, Presentations & Materials
- **Workshop Evaluation Sheet** – Course Recommendations??

What Topics would you suggest for future training/workshops?

- **Cell Phones** – Off/Vibrate
- **Agenda** - AM: DNRC
PM: Project Case Studies



AGENDA

<u>Wednesday</u>	<u>Session Description</u>	<u>Presenter(s)</u>
8:00 am – 8:15 am	Welcome and Introduction	Steve Story, PE, CFM, DNRC
8:15 am – 9:00 am	Basic Floodplain Concepts	Larry Schock, CFM, DNRC
9:05 am – 10:00 am	Estimating BFEs in Approximate A Zones	Marc Pitman, PE, CFM, DNRC
10:00 am – 10:15 am	Break–	
10:15 am – 11:00 am	Floodplain Project Scoping Considerations	John Connors, PE, CFM, DNRC
11:05 am – 12:00 am	State Guidelines & Standards: HEC-RAS Models	Steve Story, PE, CFM, DNRC
12:00 am – 1:00 pm	Lunch – Provided (Courtesy FEMA and DNRC)	
1:00 pm – 1:40 pm	CLOMR/LOMR Lessons Learned: Tramway Gulch & Reese Canyon Creek	Kim Draper, EI, CFM, Water & Environmental Tech.
1:40 pm – 2:20 pm	Applied Floodplain Management: Studies in Design and Permitting	Bruce Anderson, WGM Group
2:20 pm – 3:00 pm	Flood Discharge Frequency Analysis of The Big Hole Watershed	Ben Fennelly, PE, CFM, ATKINS Matt Johnson, EI, CFM, ATKINS
3:00 pm – 3:15 pm	Break–	

AGENDA

Wednesday

3:00 pm – 3:15 pm

Session Description

Break–

Presenter(s)

3:15 pm – 3:55 pm

Lessons learned from the Legal side of Floodplain Permitting

Jeremiah Theys, PE,
Great West Engineering, Inc.

3:55 pm – 4:20 pm

Preparing Your Project for a Successful Review at the Local Level

Sean O’Callaghan, CFM
Gallatin County

4:20 pm – 5:00 pm

Daly Ditch Diversion Project:
A LOMR Case Study

Paul Parson, PE, CFM
Morrison Maierle, Inc.

5:00 pm – 5:30 pm

Open Topic– Question/Discussion Forum

Informal

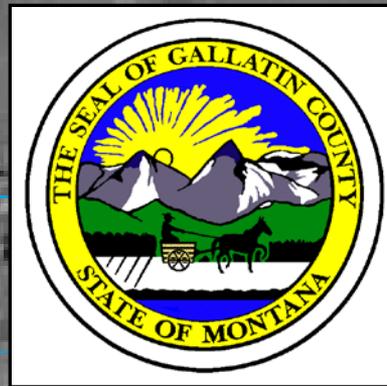
6:00 – 7:00 pm

Mountain Bike Ride – Bring your Bike!! Assemble downtown across from the Helena Library to sample some of Helena’s amazing single track...

6:00 – 8:00 pm

Evening Social in Downtown Helena – Begins at the Blackfoot Brewery Tap Room (66 South Park Avenue)

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Questions?

