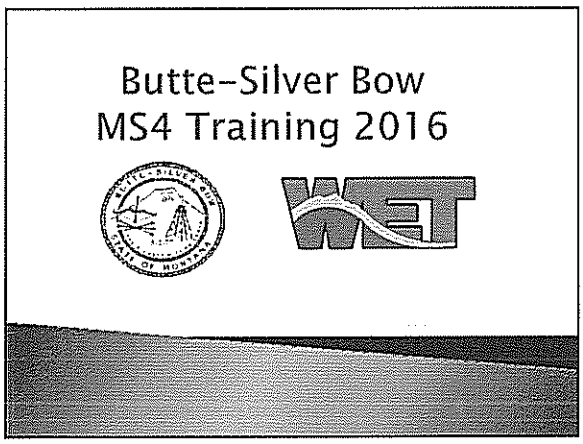
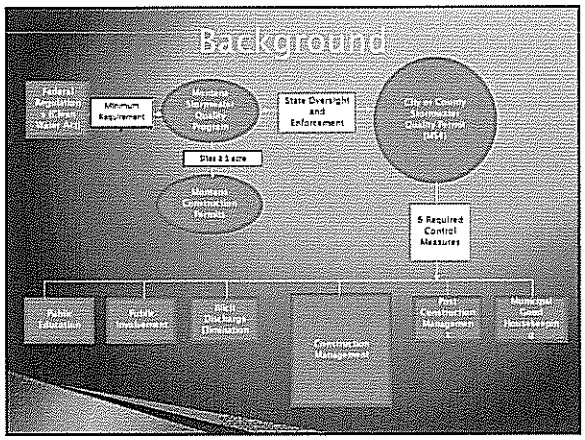


Intro ductions
Matt
Patty
Josh
Jonathan
Jon Babcock
Restrooms / Refreshments / Time

We will cover:



Difference BST stats EWPP
& BSB requirements

Federal law → DEQ → BSB

What is a BMP?

Best
Management
Practice

Focus on URBAN BMPs

BMP Types

Best
Management
Practice

Structural

Non–Structural

Administrative

BMP Types

Structural:

- Straw/rock wattles
- Inlet protection
- Silt fence
- Erosion control blankets
- Check dams
- Track pads
- Surface roughening
- Slope drain
- Diversion ditch
- Earthen berm

BMP Types

Non-structural:

- Temporary vegetation
- Permanent vegetation
- Sweeping
- Seeding
- Mulching
- Geotextiles
- Slope roughening
- Vegetative buffer

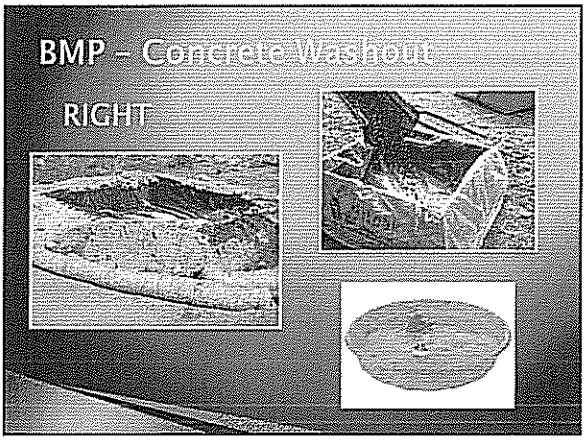
BMP Types

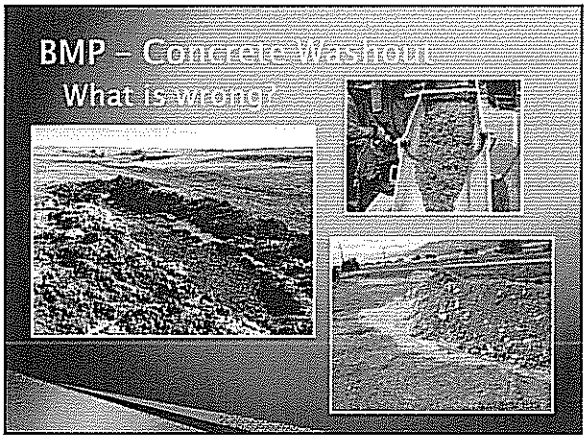
Administrative (Practice):

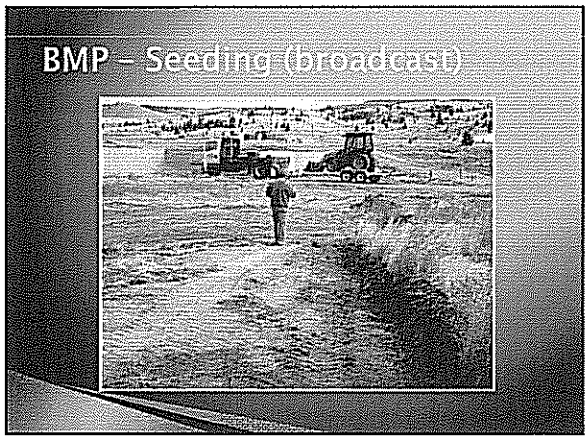
- Scheduling/phasing
- Training
- Minimize disturbance
- Limiting access to site

BMP Selection

1. Identify pollutants
2. Specify BMP: structural, non-structural, or administrative
3. Proper BMP installation
4. Proper BMP maintenance
5. Is BMP adequate?


BMP – Concrete Washout
RIGHT


BMP – Concrete Washout
What is wrong?


BMP – Seeding (broadcast)

Slide 31

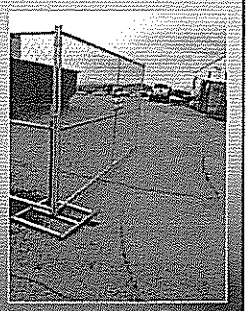
LW22 pictures are fuzzy
Laura Watson, 3/17/2016

Slide 32

LW23 pictures are fuzzy
Laura Watson, 3/17/2016

BMP – Controlling Site Access

- Specify entrance to site
- Specify where equipment is allowed
- Weather events can determine access (wet, muddy=stay out!)



MUST PLAN AHEAD!

BMP – Street Repair

RIGHT

What is wrong?

Soil backfill

Butte-Silver Bow County, MT Municipal Code

12.04.100 Section B, 5-6 – Surface restoration

Resurfacing Materials

Hot Mix (April 1st to October 1st)

Cold Mix (November 1st to March 31st)

accept concrete patches winter months when hot mix is not available.

BSB Commitment to Stormwater Control

- Supervisors reported 20-100% commitment to installing and maintaining BMPs.
- Suggestions include:
  - BMP local suppliers and costs,
  - a project checklist,
  - preconstruction meeting to discuss storm water controls,
  - hands on training.

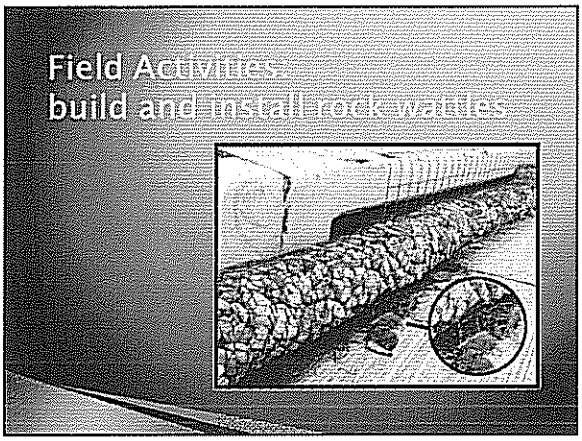
20% is too little

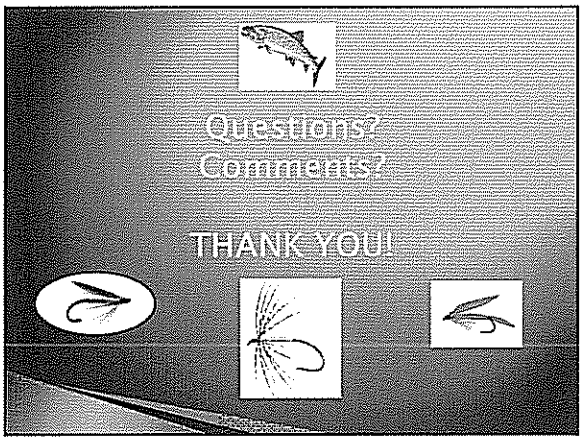
Doing nothing is not an option in 2016!

COMPLY

New Permit Requirements!
BSB Employees & Departments
To Consider Storm In Activities
& Facilities. Massive Fines
For non Compliance. Be Proactive
or Get Fined.
Increased Inspections -

Let's protect our community's $128 million investment in Silver Bow Creek.


Field Activities:
build and install rock wattles


Questions?
Comments?
THANK YOU!