



Activities Potentially **Contributing Pollutants**

- · Clearing, grubbing and grading
- · Landscape maintenance
- · Equipment use
- · Saw cutting
- Paving operations
- Pressure washing
- · Dewatering operations
- · Soil importing and stockpiling
- · Maintenance of public facilities
- Waste management

Material Sources

That Can Contribute Pollutants

- Soil, Dirt, and Sediment
- Paints and Solvents
- Pesticides/Herbicides
- Fertilizers
- Detergents
- Plaster or related products
- Green waste
- · Sanitary waste

- · Concrete compounds
- Asphalt compounds
- Petroleum products fuel, oil, and grease
- · Hazardous chemicals acids, lime, glues, adhesives, and curing compounds

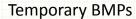
Let's take a look at the BMPs

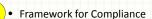


Temporary BMPs

- · Framework for Compliance
- Categories
- Sections
- Narrative vs. Drawings/Details
- BMP Examples







- Categories
- Sections
- Narrative vs. Drawings/Details
- BMP Examples



Framework for Compliance

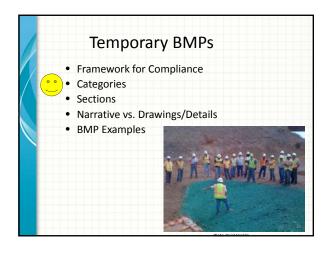
- · Performance based
- Increasingly there are minimum requirements

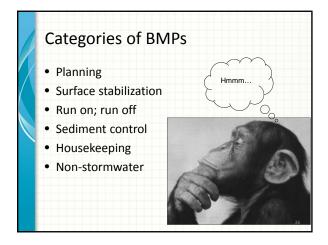


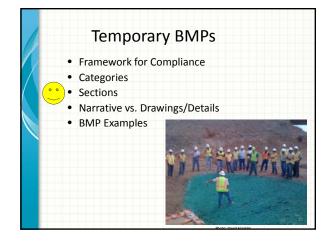
Framework for Compliance

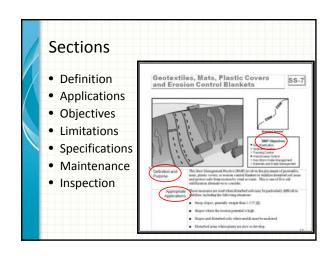
- Local Ordinance
- Construction General Permit
- Contract
- SWPPP or EC Plan
- Industry Guidance

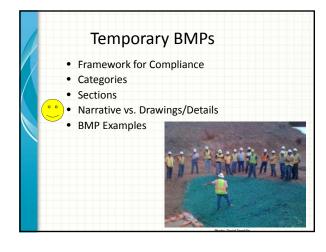


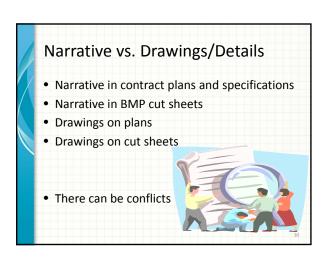


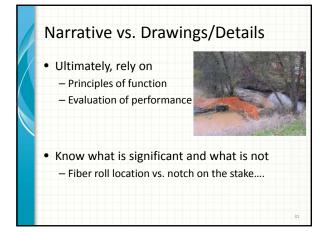




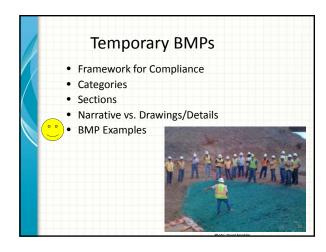


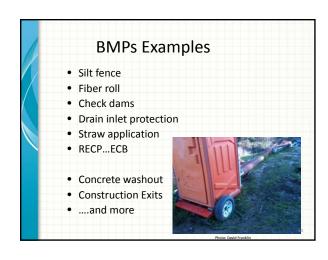




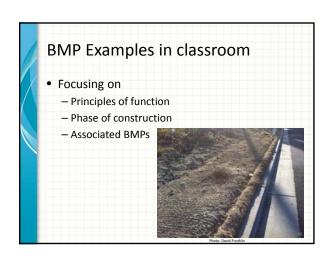




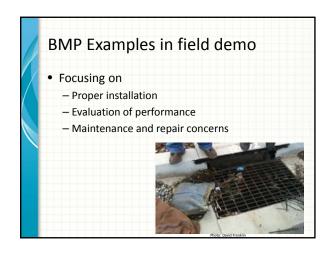




BMP Selection and Evaluation Handout BMP Factors Sterility Juggling 3 schedules Phase of construction Categories of BMPs Flow type/direction Hold or let go Redundancy Treatment or prevention Location Duration Access Profile and return Contributing area Time to effective Flexibility and conformity Blocking flow Permeability and rate Self-anchoring Reusability Longevity Temporary and permanent Maintenance Measurability Lead time Soil preparation Cost

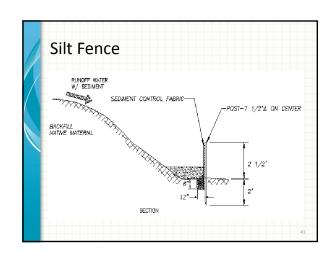


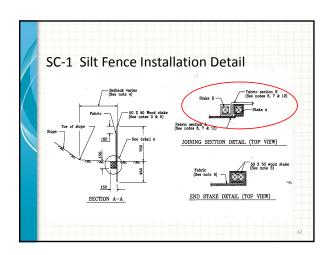


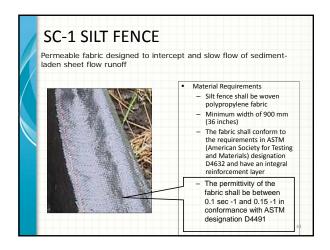












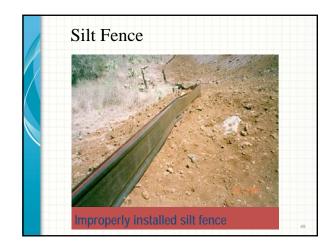






































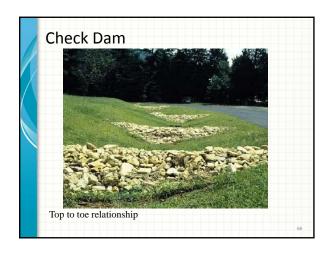


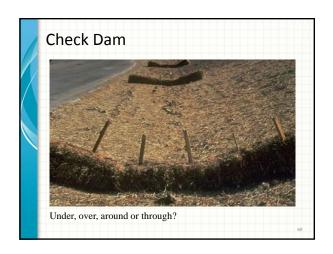


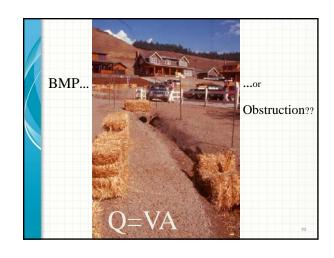




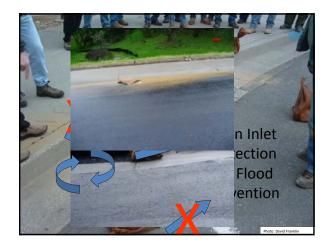




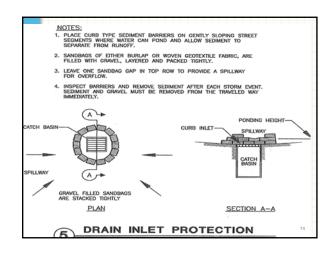


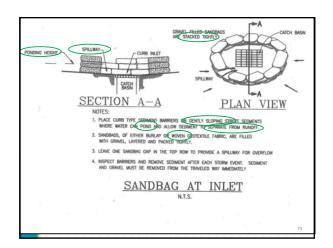


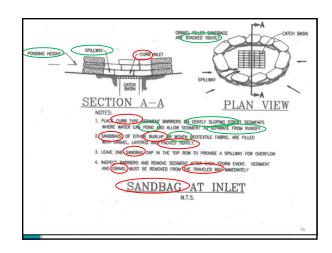








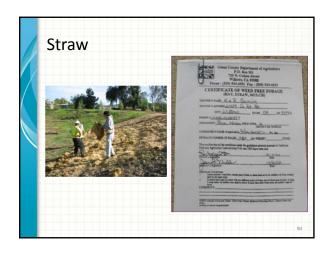






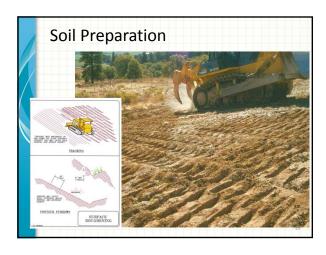




























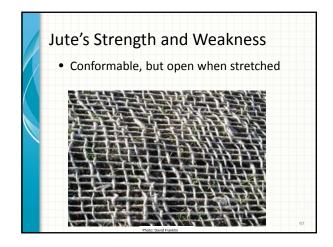








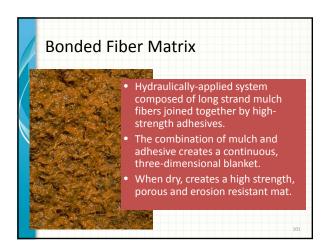


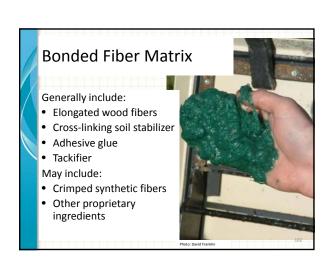










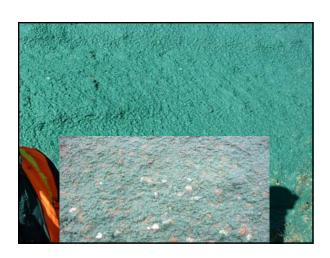






There is no soil preparation and slurry is mixed on the wet side and applied to the point of runoff











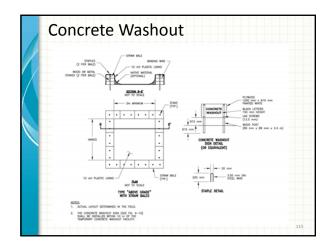
























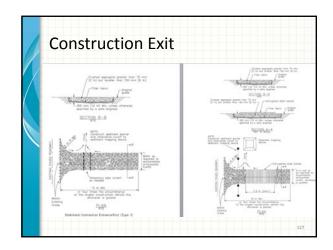






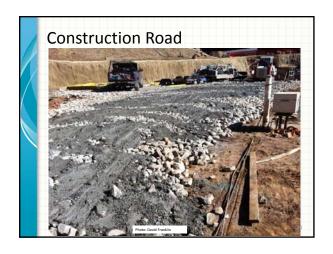




















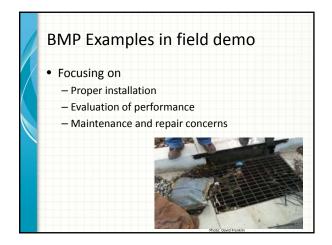












Inspecting BMPs

- Implementation...was it done well?
- Evaluation...is it working?
- Maintenance...means what?
- Repair...or replace?
- Any associated BMPs or redundancy needed?

BMP Selection and Evaluation

BMP Factors

Juggling 3 schedules Phase of construction Categories of BMPs Flow type/direction Hold or let go Profile and return Contributing area Flexibility and conformity Permeability and rate Longevity

Longevity
Temporary and permanent
Contents
Area
Soil preparation

Sterility
Redundancy
Treatment or prevention
Location
Duration
Access
Time to effective
Blocking flow
Self-anchoring
Reusability
Maintenance
Measurability
Lead time

Cost

