SWPPP Element 9
Control Pollutants

Prevent Pollution from Chemicals and Fuel

- Cover
- Contain
- Protect from vandalism

Prevent Pollution from Chemicals and Fuel

- Fuel and maintain equipment using spill prevention and control measures

Prevent Pollution from Chemicals and Fuel

- Discharge wheel wash water to separate treatment system from stormwater.
- Discharge to sanitary sewer.

Prevent Pollution from Solid Waste and Demolition Debris

- Store and dispose of waste & demolition debris properly

Prevent Contamination from pH Modifying Sources

- Know sources and manage them to prevent mixing with stormwater
  - Concrete washout
  - Concrete grinding
  - Recycled concrete stockpiles
  - Dewatering from concrete structures

Prevent Contamination from pH Modifying Sources

- Separate high pH water from stormwater.
- Use methods to lower pH to between 6.5 and 8.5 before discharge.

Prevent Contamination from pH Modifying Sources

- Return unused concrete to plant
- Wash chutes, pumps, hand tools into a contained area

SWPPP Element 10
Control Dewatering

Control Dewatering

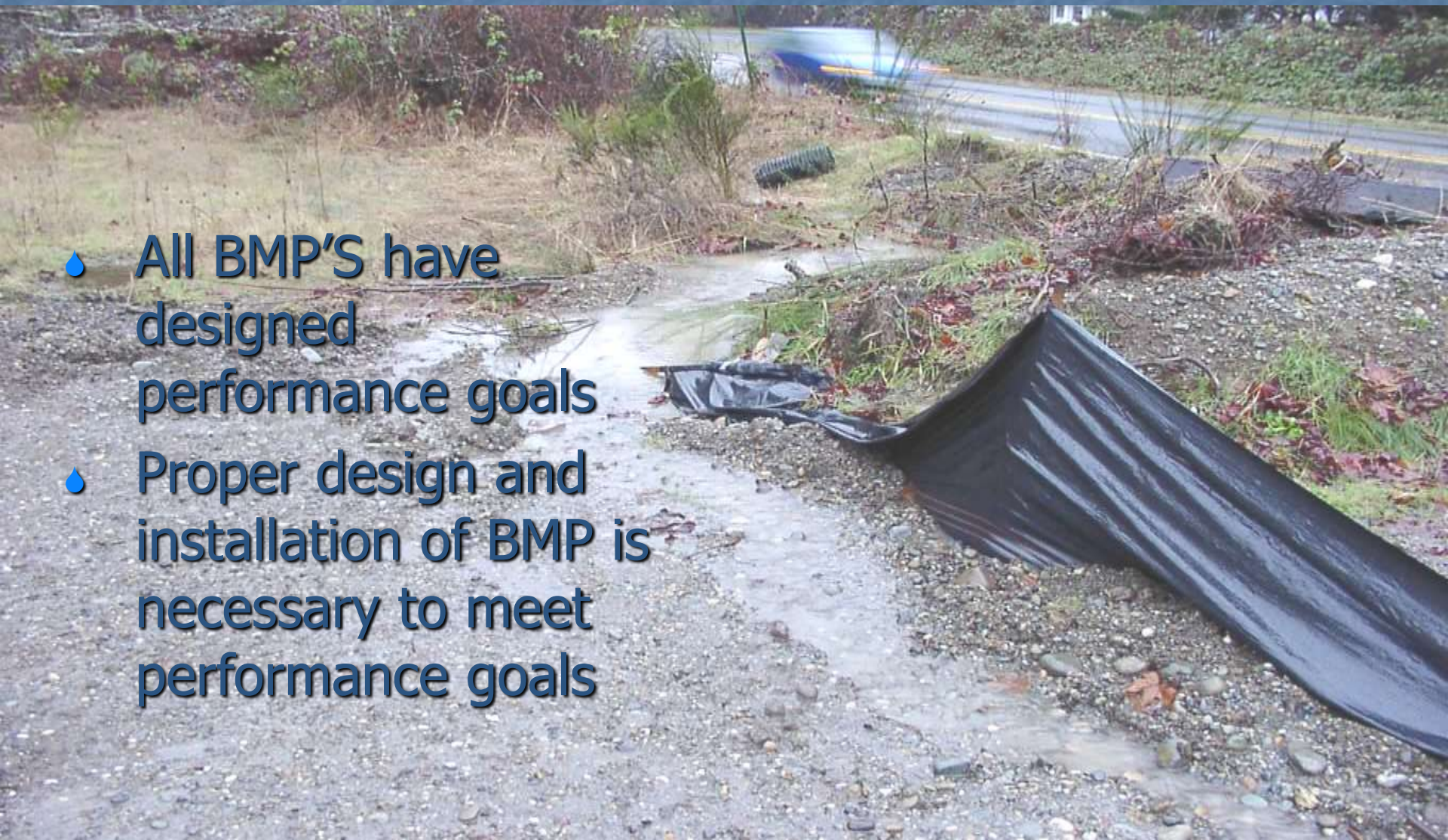
- Know sources of dewatering water and manage them to prevent pollution
  - Trenches
  - Building foundation and other structures
  - Well points

Control Dewatering

- Well points to lower the water table:
  - High turbidity until wells developed then clean water
  - Discharge clean water to a water body or undeveloped land

IS THIS WORKING?
Bag 3
Bag 1
Bag 2
Hay Bale Dam

SWPPP Element 11: Maintain BMPs



- All BMP'S have designed performance goals
- Proper design and installation of BMP is necessary to meet performance goals

Bad design and installation = costly maintenance

Maintain BMPS

- All BMPs require maintenance
- Proper installation is only the first step
- Inspect once per week and after every discharge
- Perform maintenance within NPDES permit timelines

BMP's Need More Than "On The Fly" Maintenance

Erosion and sediment controls must be removed 30 days after final site stabilization,

Timely Monitoring of BMPs is Required

- Responsible Person (CESCL) Must Inspect & Record BMP Performance Weekly -AND/OR-
- Within 24 Hours of a discharge

BMP Inspection & CESCL

- CESCLs Must Fill Out Inspection Checklists/Reports
- CESCLs Must Record BMP Maintenance
- CESCLs Must Record any Sampling Data of Stormwater Discharge

SWPPP Element 12: Manage the Project

Scheduling & Phasing

MEANS & METHODS

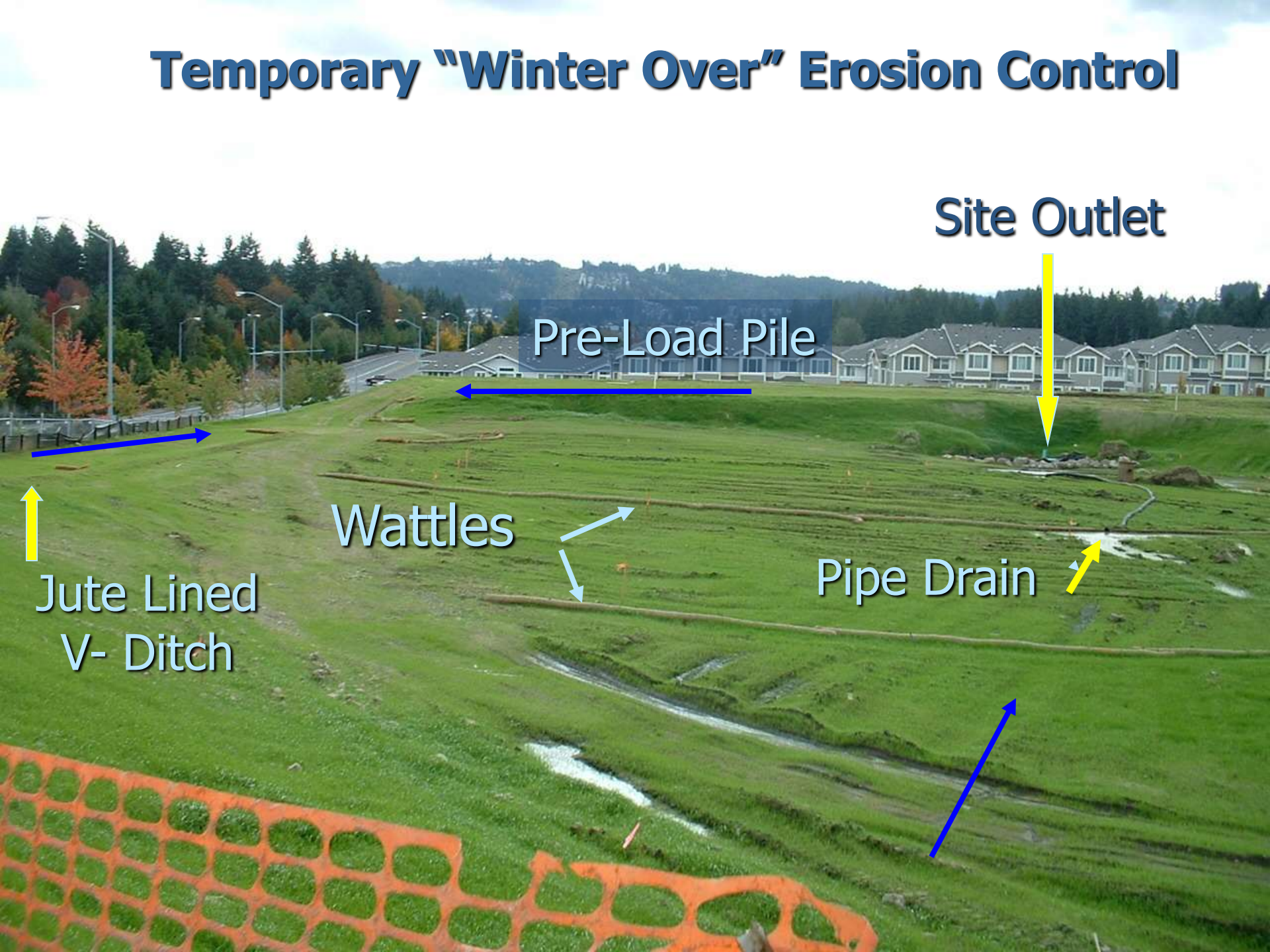
Its about how you do,
what you do,
and when you do it

How do you do what you do?

Are your means and methods compliant with permit conditions?

✓ Debris Bins
✓ Covered Soils
✓ Inlet Protection
✓ Gravel Entrance
✓ Driveway Perimeter Control
✓ Clean Streets

Temporary "Winter Over" Erosion Control



COMMUNICATE Your Plan to Everyone With Access to Your Site

- ✓ Stockpile Covered
- ✓ Stockpile Silt Fence
  - ✓ Reinforced for Flow (Straw Bales)
- ✓ Lot Grading Perimeter Silt Fence
- ✓ Buffer Zone
- ✓ Wire Backed Silt Fence at Site Perimeter

What’s wrong or right?

What’s wrong or right?

What’s wrong or right?

What’s wrong or right?

What's wrong or right?

Doing It Right Won't Kill You !