

RUNOFF CONVEYANCE BMPS

MOVE THE WATER WITHOUT MORE DAMAGE!

Section 5

1



SEDIMENT AND RUNOFF CONTROL

- DIVERSION OF RUN-ON
- PERIMETER CONTROLS
- CONVEYANCE BMPS
- INLET PROTECTION

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BMP or Element Name	Element #1 Control Erosion	Element #2 Sediment Control	Element #3 Erosion Control	Element #4 Erosion Control	Element #5 Sediment Control	Element #6 Erosion Control	Element #7 Erosion Control	Element #8 Erosion Control
BMP C200: Interceptor Dike and Basin			✓					✓
BMP C201: Grass Lined Channels			✓					
BMP C202: Channel Lining			✓					
BMP C203: Water Bars	✓							
BMP C204: Pipe Slope Erosion			✓					
BMP C205: Subsurface Erosion			✓					
BMP C206: Level Spreader			✓					
BMP C207: Check Dam								✓
BMP C208: Truncated 90 Degree (Concrete or Cast-in-Place)			✓					✓
BMP C209: Outlet Protection						✓		
BMP C210: Stone Drain Inlet Protection				✓				
BMP C211: Brush Barrier		✓						✓
BMP C212: Gravel Filter Berm		✓						✓
BMP C213: 6ft Fence		✓						✓
BMP C214: Vegetated Strip		✓						✓

CONVEYANCE BMPS BY SWPPP ELEMENT

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RUNOFF CONVEYANCE

These BMPs prevent the more devastating types of erosion by keeping water away from bare soils

Allows you to responsibly convey water to a collection point

Planning ahead to incorporate conveyance can be a simple solution to avoiding many problems

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RUNOFF CONTROLS BMPS

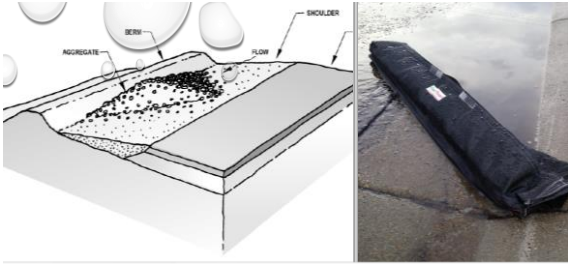


KEEP CLEAN WATER – CLEAN!

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DIVERSION DIKES AND SWALES

7



USE WASHED ROCK

8



LINING CHANNELS, DIKES AND SWALES

9



PLASTIC

10



GRASS LINED CHANNELS

11



CHANNEL LINING BMP

12



DITCH STRUCTURAL INTEGRITY

13



WATER BARS

14



**PIPE SLOPE
DRAINS
BMP C204**

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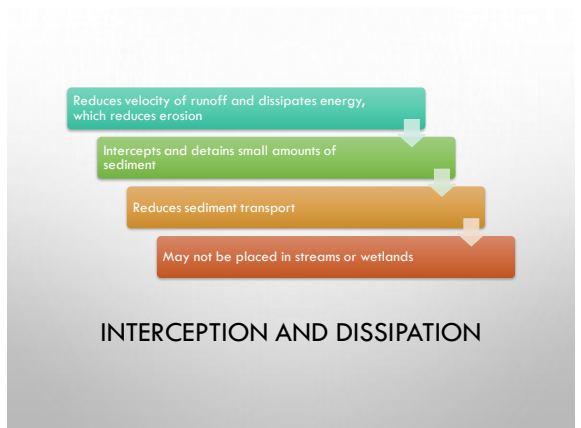
TEMPORARY SLOPE DRAINS

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SUBSURFACE DRAINS

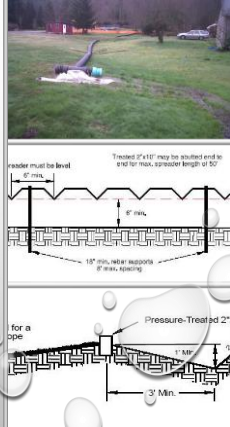
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INTERCEPTION AND DISSIPATION

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LEVEL SPREADER



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VEGETATED SPRAY FIELDS

20



OUTLET PROTECTION

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CHECK DAMS BMP



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STRAW BALE BARRIER



23



ROCK OR SANDBAG CHECK DAM

24

TRIANGULAR SILT DIKE



25

SPRING BERM

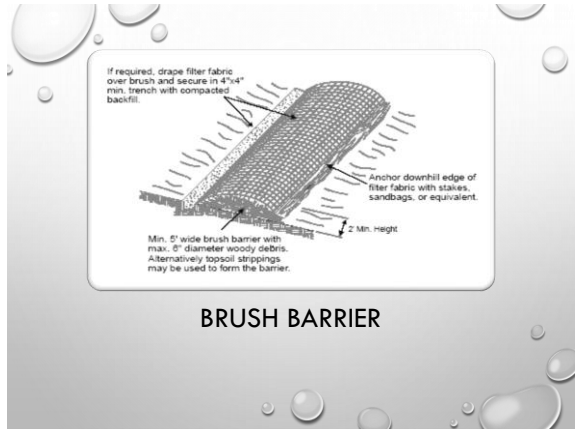


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OVER VS. THROUGH

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BRUSH BARRIER

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GRAVEL FILTER BERM BMP

Used where a temporary measure is needed to retain sediment from rights of way or in traffic areas on construction sites.

Regular inspection is required. Sediment shall be removed and filter material replaced as needed.

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SEDIMENT FENCE

IS

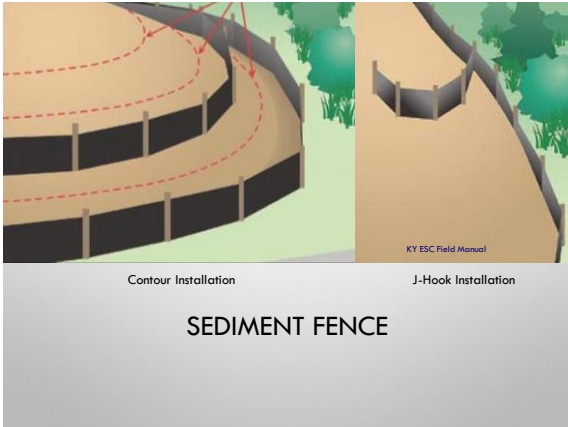
- A BMP
- A BARRIER
- A SAIL IN THE WIND

IS NOT

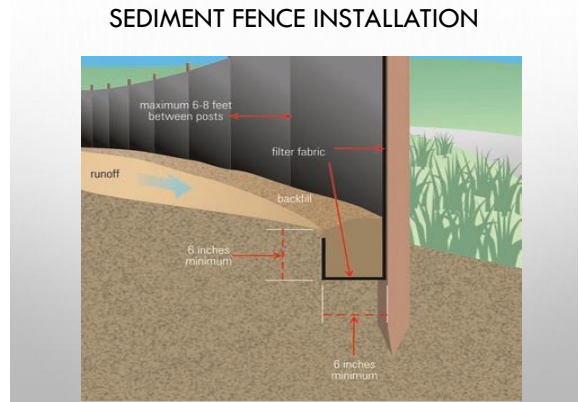
- FILTER FABRIC (BUT CAN BE)
- PERIMETER IDENTIFICATION (BUT CAN BE)
- THE FIRST LINE OF DEFENSE



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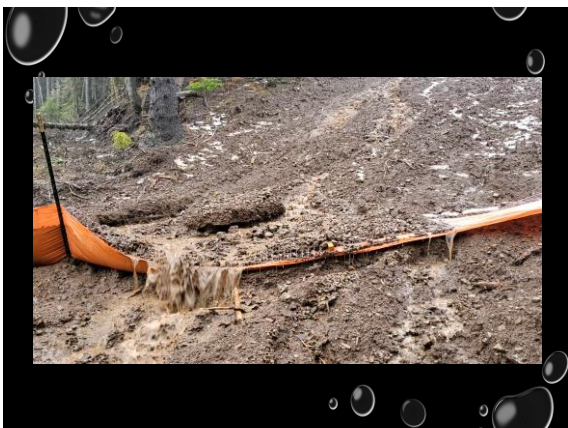
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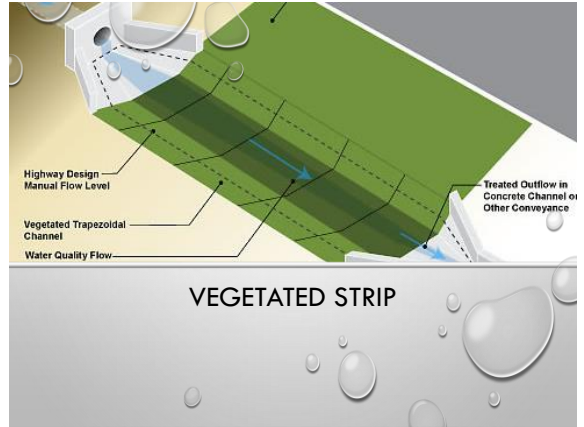
Eastern WA Erosion Prevention and Sediment Control Field Guide



Silt fence is installed backwards; posts should be on downhill side.

WHAT IS CORRECT?

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VEGETATED STRIP

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