

# Erosion and Sediment Control Do's and Don'ts

# Do's and Don'ts: Inlet Protection (IP-1)

**Fiber roll adds additional protection**



## Do's and Don'ts: Inlet Protection (IP-1)

Why is this considered improper stabilization of the swale?



## Do's and Don'ts: Inlet Protection (IP-1)



# Do's and Don'ts: Inlet Protection (IP-1)

What is stopping sediment from entering the inlet?



## Do's and Don'ts: Inlet Protection (IP-2)

This is Hi-Flow fabric with a high tensile strength



# Do's and Don'ts: Inlet Protection (IP-2)

What should this inlet protection be?

**IP-2 under the grate**



# Do's and Don'ts: Inlet Protection (IP-3)



- The throat is blocked
- IP-2 installed
- Compost log providing additional filtering

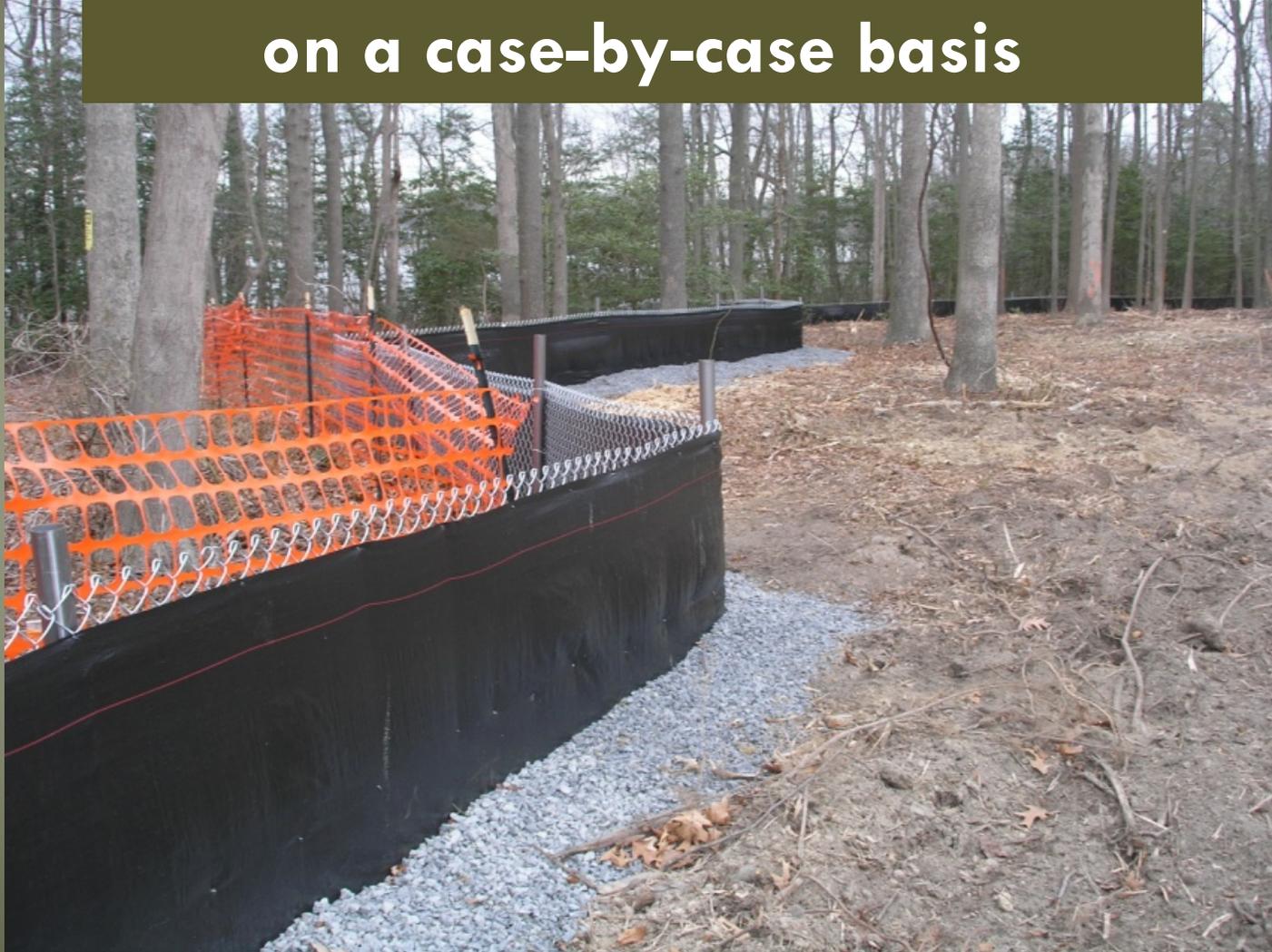
## Do's and Don'ts: Inlet Protection (IP-3)



- Straw does not filter**
- Straw rots**

## Do's and Don'ts: Silt Fence

**Stone armoring can be requested on a case-by-case basis**



# Do's and Don'ts: Silt Fence Improper Trenching and Compacting of Backfill

The backfill ended up here



# Do's and Don'ts: Silt Fence



**Good Installation of silt fence...  
Bad installation of stockpile**



**Good J-hook**

**Need compost log at sidewalk**

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# Do's and Don'ts: Stone Check Dams



# Do's and **Don'ts**: Stone Check Dams

**These are heaps of stone  
without proper shaping**



## **Do's** and Don'ts: Swales

**Stone pilot channels or infiltration trenches are protected with fabric during construction**



## Do's and Don'ts: Swales

Properly grading the swale is needed and installation of matting in the flow line and along the impervious transition



# Do's and Don'ts: Swales

This swale is  
screaming,  
“As-  
Built  
Me !!”



# Do's and Don'ts: Outfall Protection



# Do's and Don'ts: Outfall Protection

Please explain this to me...



# Do's and Don'ts: Stabilized Construction Entrance

**For large construction sites, longer SCEs are required. They can be staged transitions from millings to crushed concrete to DE#3 stone**



# Do's and **Don'ts**: Stabilized Construction

Poor location of a tire wash creates tracking



# Do's and **Don'ts**: Dewatering Practices Geotextile Bags

After properly using the dewatering bag...

The contractor sliced the bag open to 'get rid of the water'



# Do's and Don'ts: Dewatering Practices Skimmer Device



So the erosion controls are not controlling the upgrade areas, and the sediment trap looks like this:

**As a CCR, do you require flocculant?**



# Stormwater at the edge of the outfall protection before leaving the site



# In the local stream



**The answer: Yes, flocculant is applied**

- Contact your delegated agency**
- Require flocculant to be applied to the sediment trap (have contractor call supplier)**
- Instruct the contractor to lift the skimmer out of the water to stop the flow off site**
- Apply additional erosion controls upgrade to get the site under control and prepare for the next rain event**

??Questions??



**TEAMWORK**

There is no I in trackhoe