

Land Disturbance

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COMPLETED

Now What?

- Nothing really changes!
 - Inspections are still required;
 - BMPs still have to be deployed, maintained, and removed;
 - Still using the online database.
- What new going forward?
 - Removed all the violations but one;
 - Extended the recertification time;
 - Removing the contract bid item for WPCM.

New Permit

- Working with DNR on a stacked permit concept with TS4 permit.
- Several major changes:
 - 7 or 14 day inspections;
 - No effluent limit - Water Quality Standards will rule (*10 CSR 20-7.031*);
 - Capture or treat 2 year 24 hour storm event;
 - Buffers to surface waters goes to 50 Ft.

New Permit

- Sediment Basin volume changes;
- Notification of SWPPP to all Contractors on Site – Project Specific SWPPP list of Contractors;
- Who has to have a current copy of the Project Specific SWPPP when on site:
 - Permittee;
 - Those who are responsible for installation operation and maintenance of BMPs.

Storm Water Project Prerequisites



Date Storm Water Compliance & Environmental Specialist Designated:

Date RE Assigned:

05/03/2017

Date of Grading Pre-activity Meeting:

09/04/2017

Date Inspection Protocols in Place:

Date Water Pollution Control Manager Assigned:

09/04/2017

Is staff properly trained?

☒ Yes ☐ No

Is project environmentally sensitive and over 5 acres?

☐ Yes ☐ No

Is WPCM required?

☒ Yes ☐ No

Close Window

Update

Compliance Reviews

Photos from 2018 Compliance Reviews



5' max post spacing

2' Lap min.

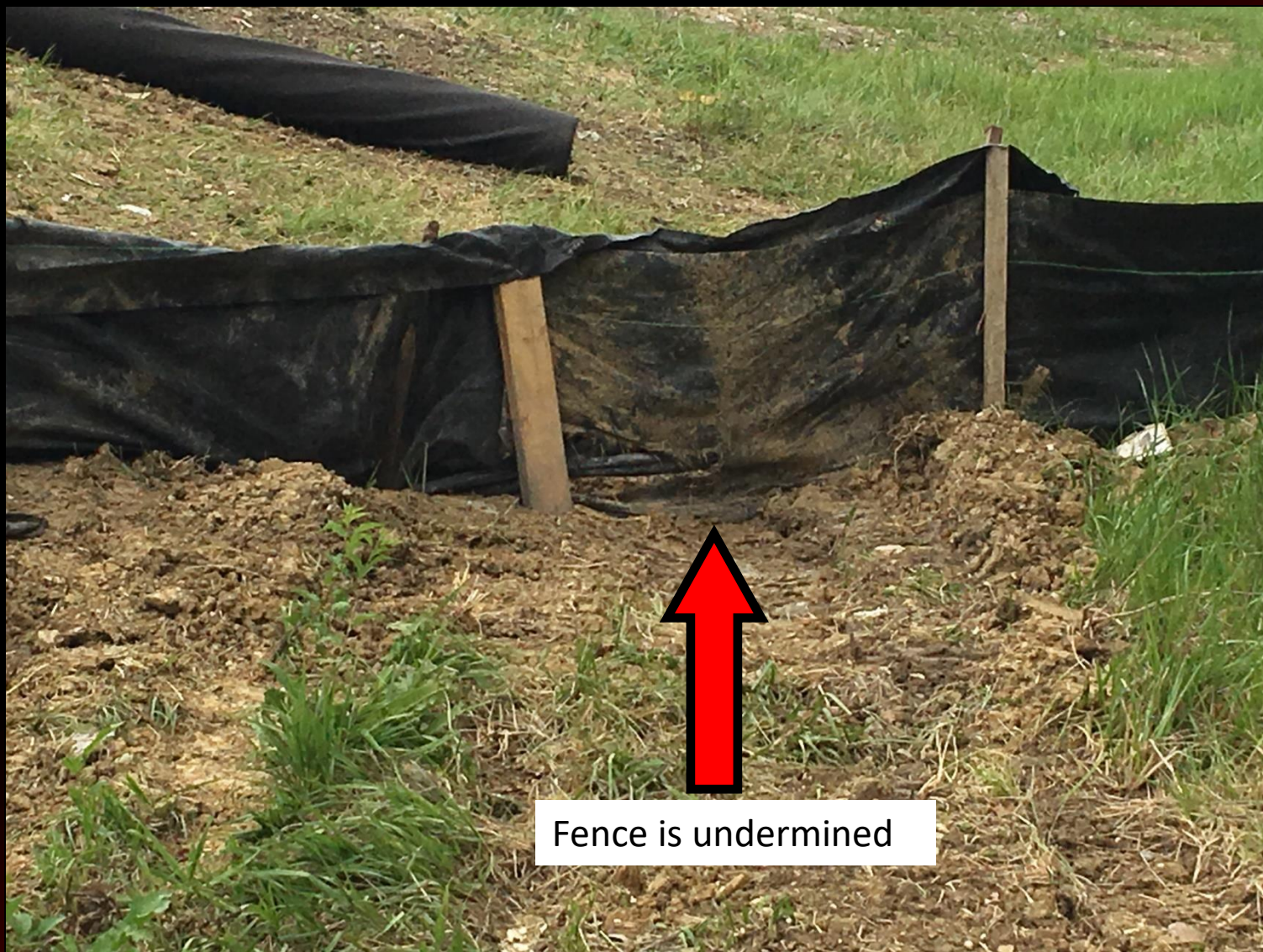
Not trenched in



Not attached
completely to the
post

Not trenched in

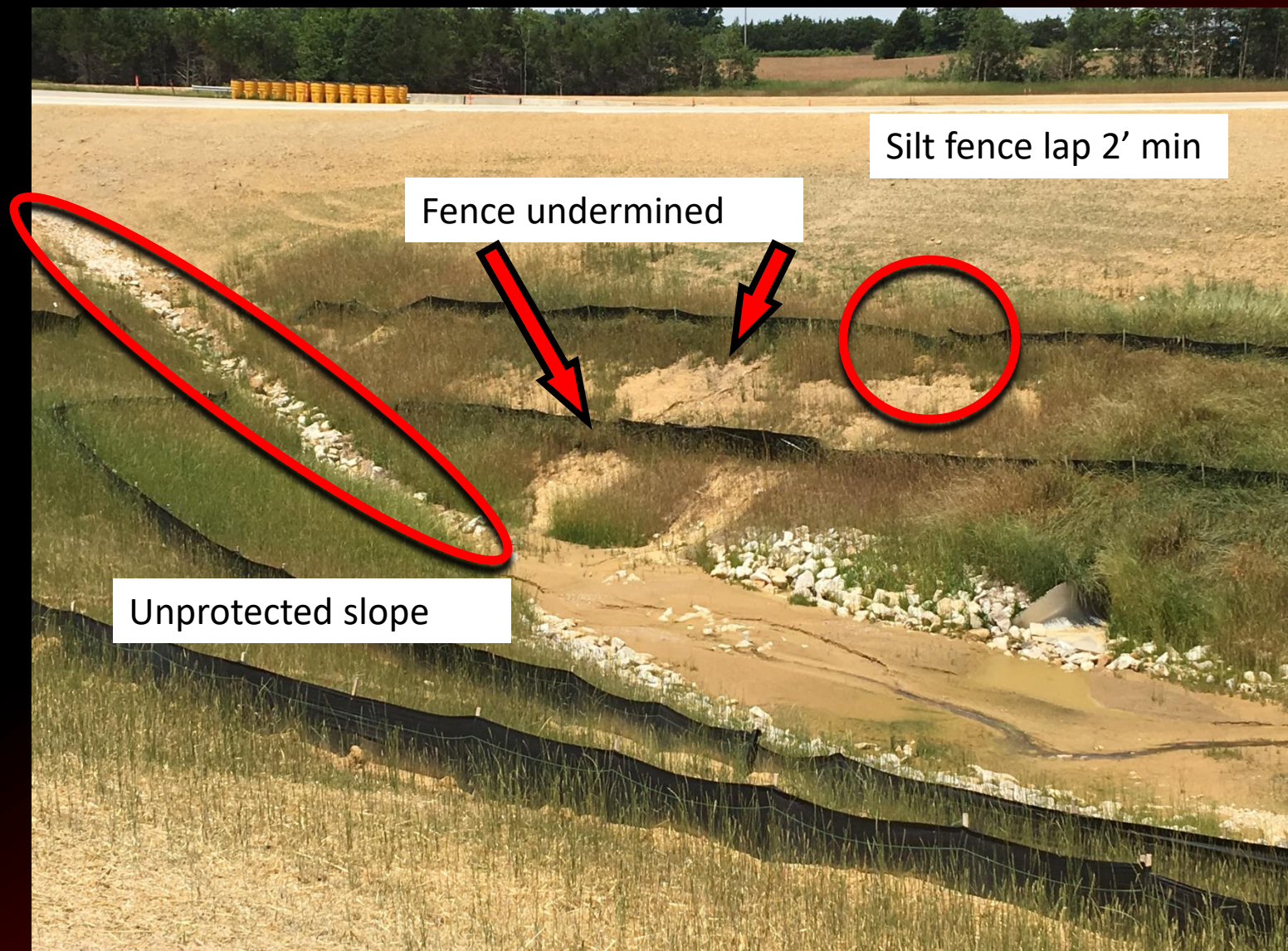




Fence is undermined



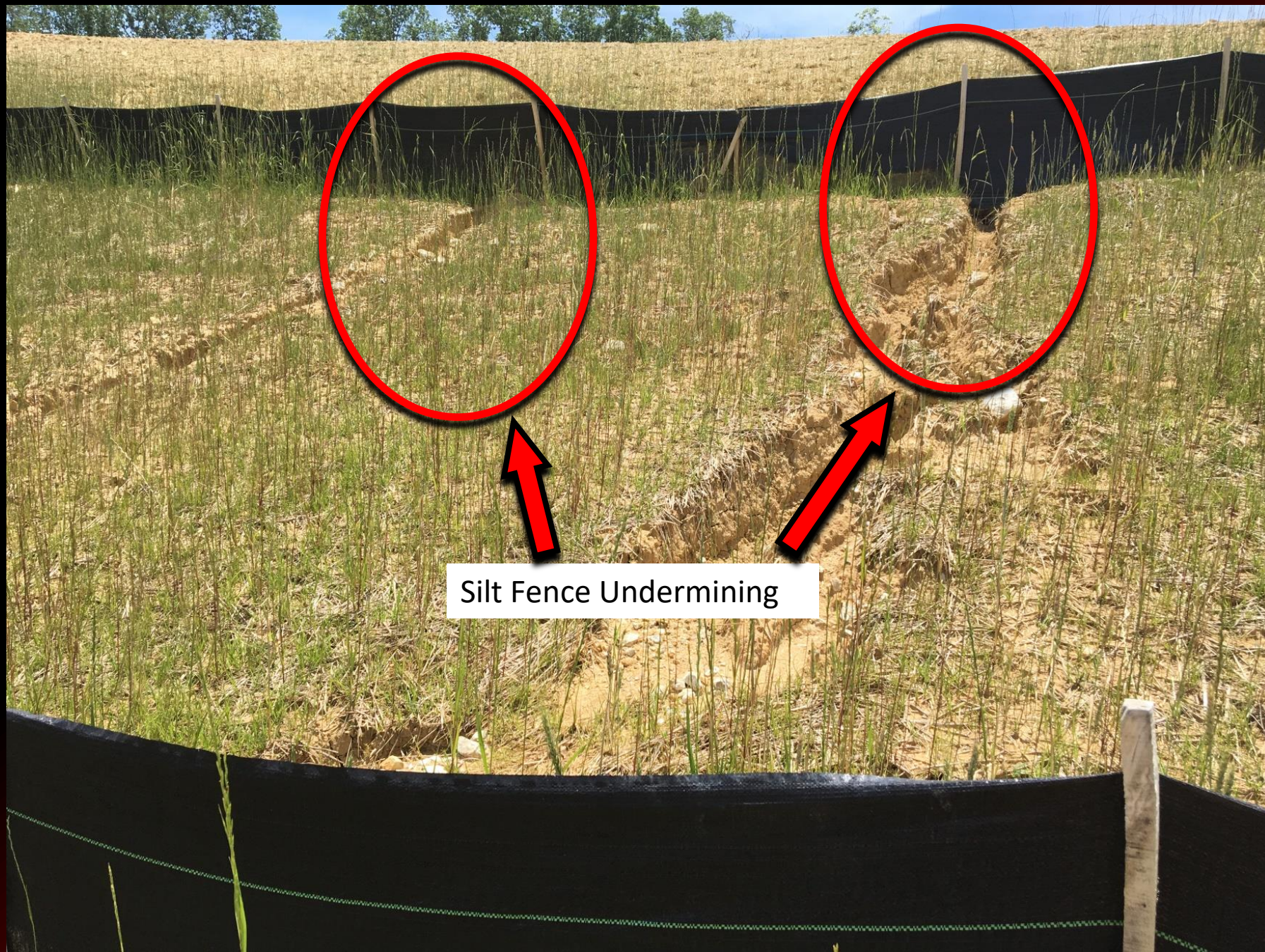
**Where are the
Ditch Checks?**



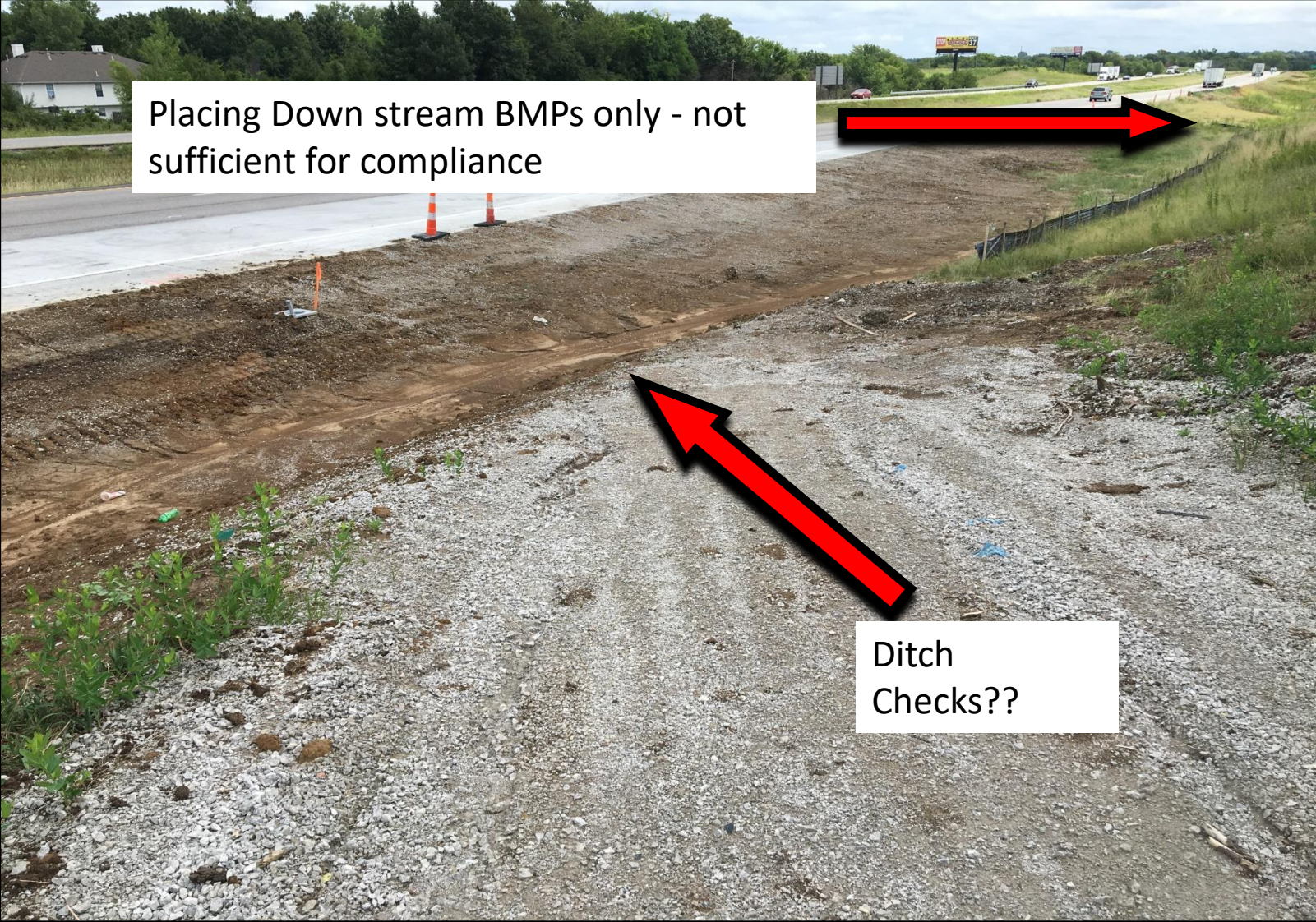
Silt fence lap 2' min

Fence undermined

Unprotected slope



Silt Fence Undermining



Placing Down stream BMPs only - not
sufficient for compliance

Ditch
Checks??





Lack of Ditch Checks

What the heck???



No continuous
protection.



Ditch Check
Maintenance



**Where is all
the silt
coming from?**

Drainage feature




Ditch Checks??




Ditch Checks??





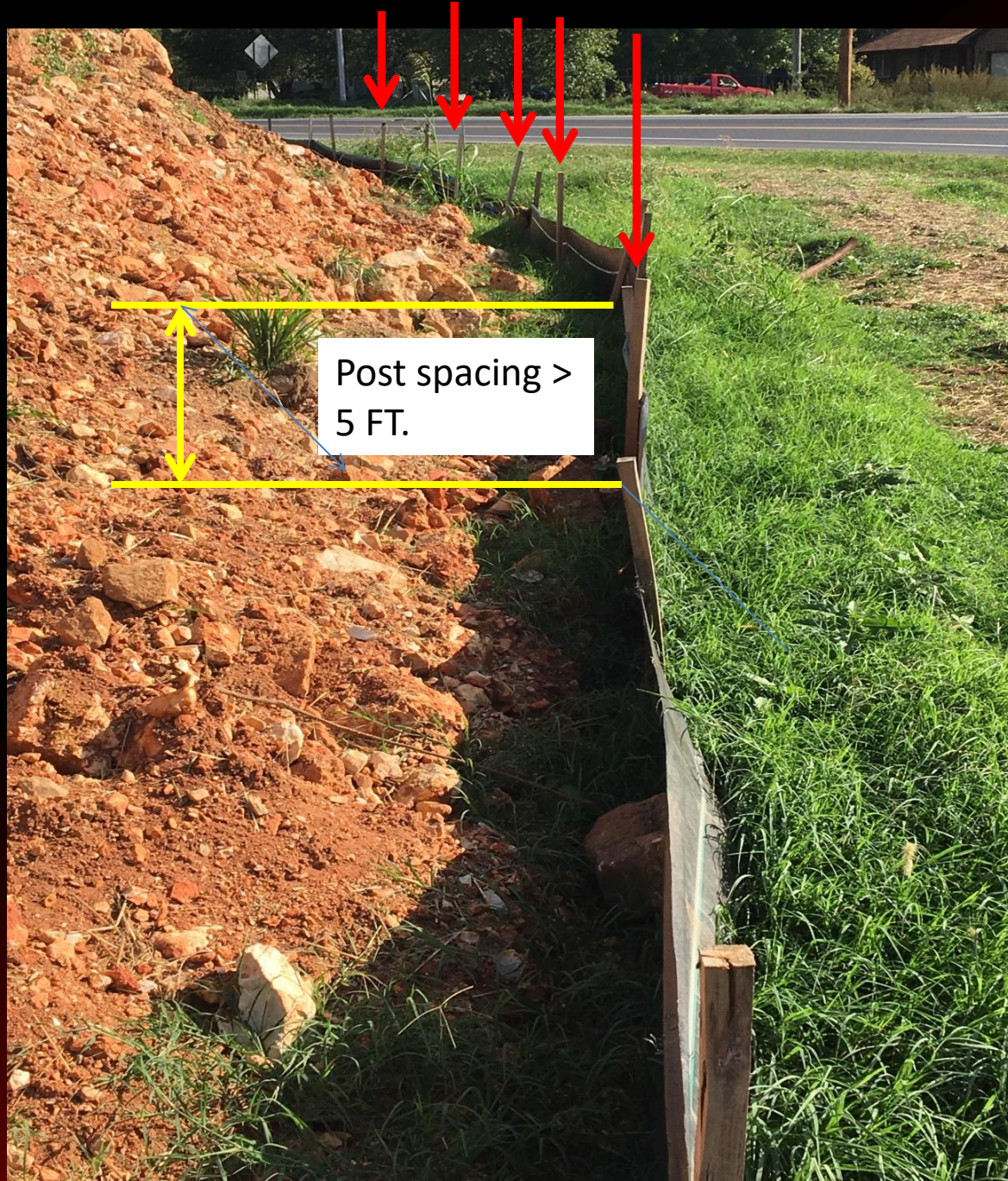
3 down stream ditch checks
only..

Should have more ditch checks to
control stormwater velocity and
volumes (*Permit MOR-10007*)

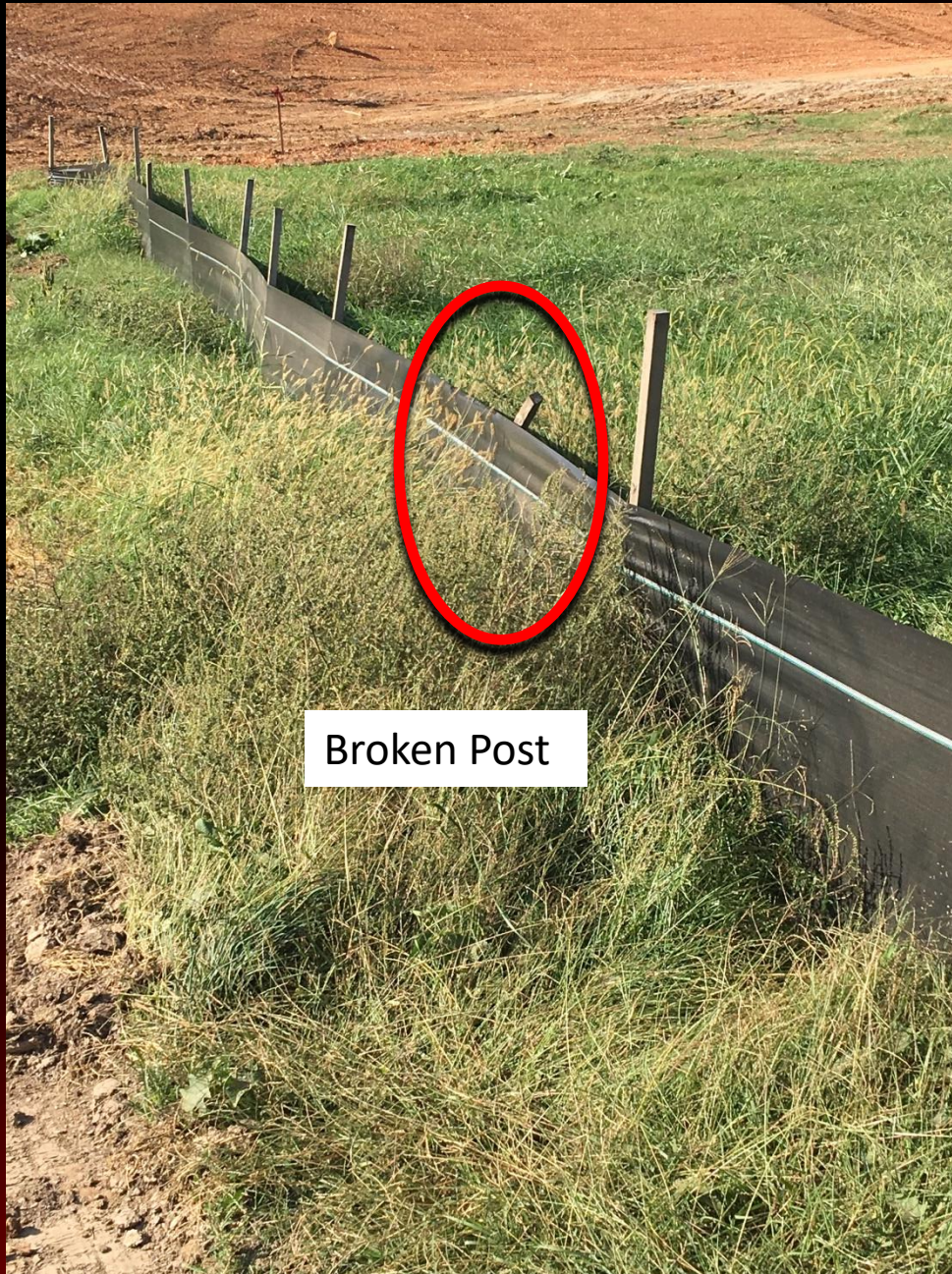


Material worn
and tattered.

Silt fence not 18
in. min height

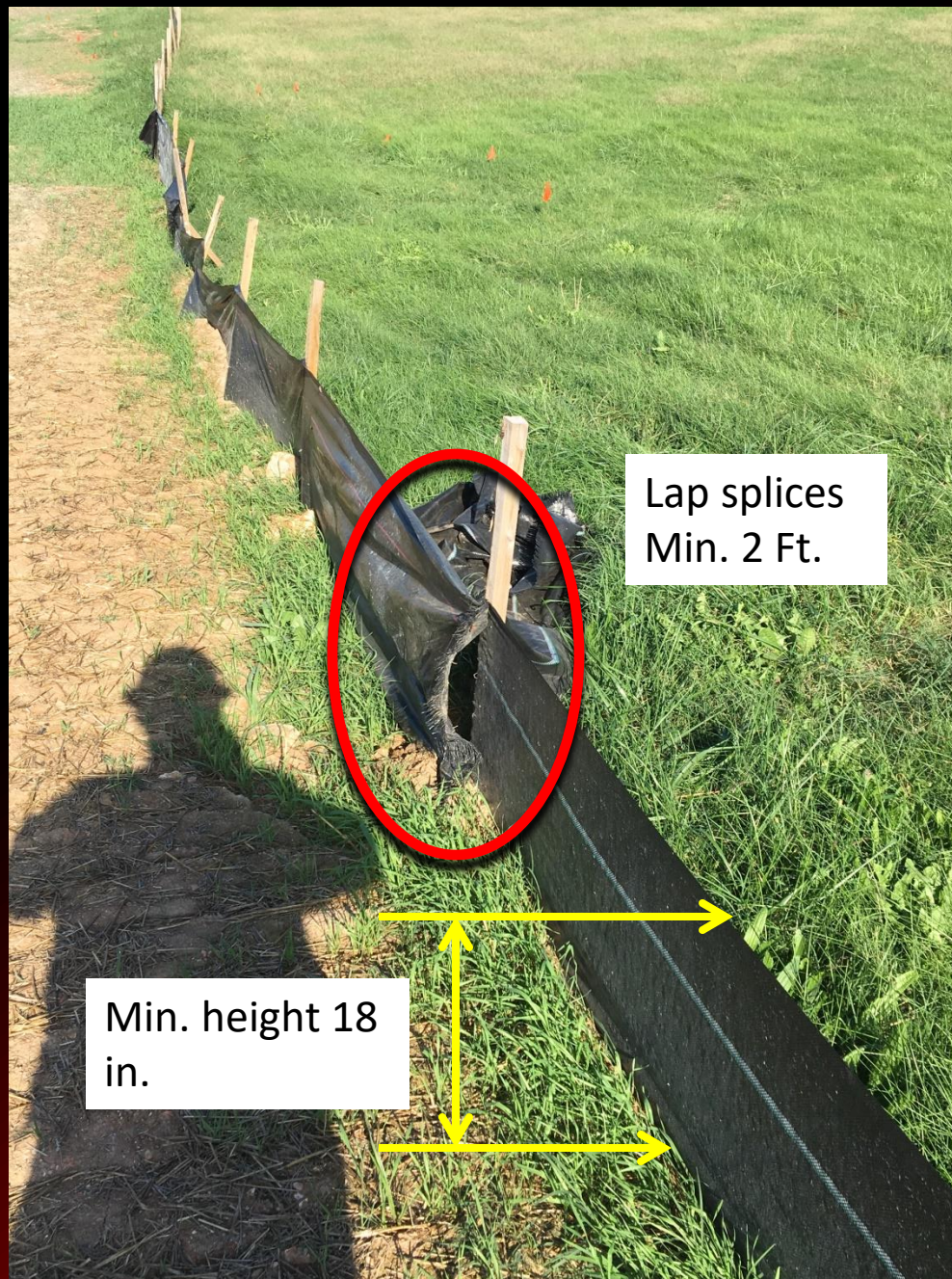


Post spacing >
5 FT.



Broken Post





Lap splices
Min. 2 Ft.

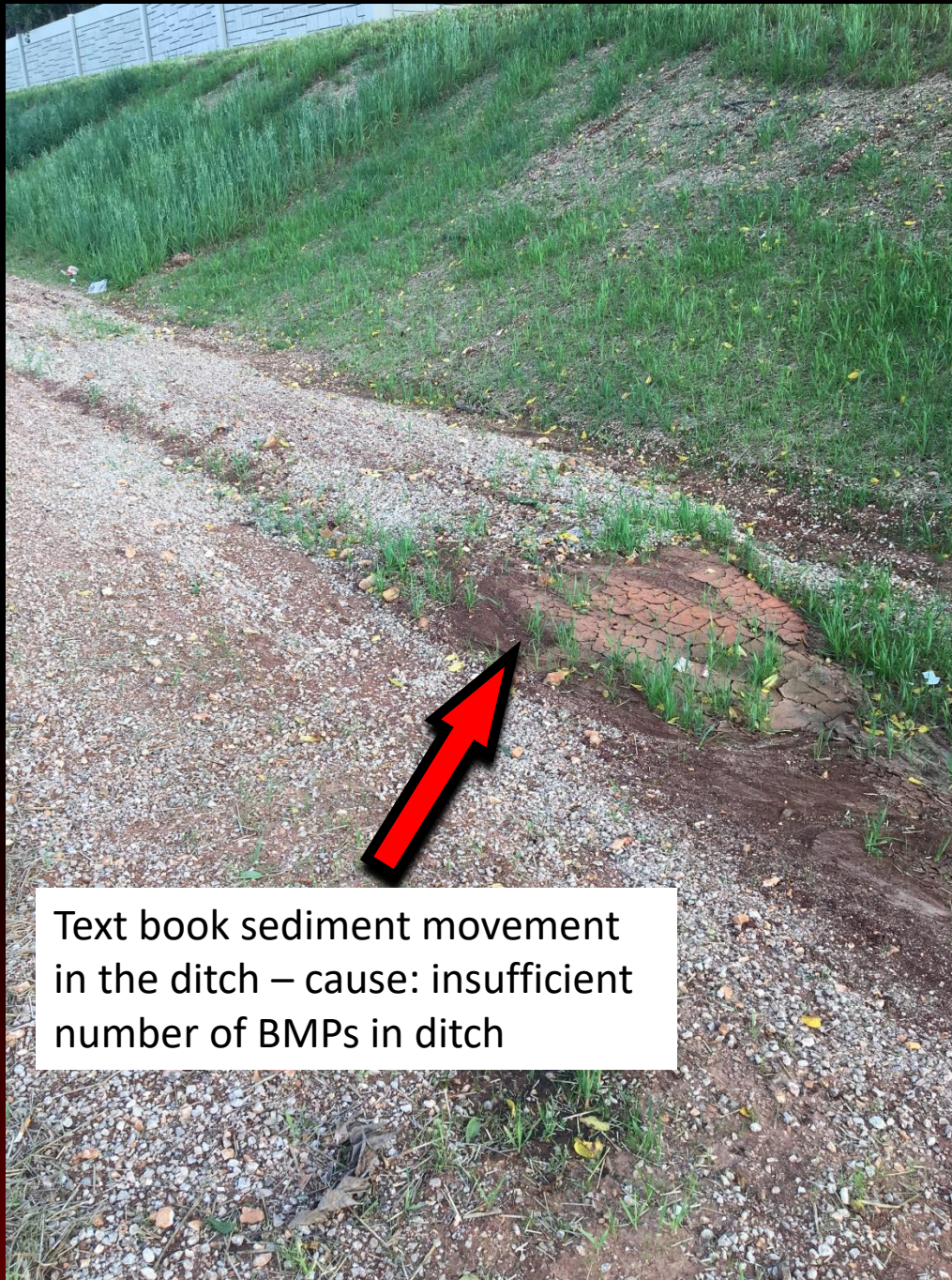
Min. height 18
in.



Washout erosion from
lack of maintenance to
BMP



BMP is more than 50%
full



Text book sediment movement
in the ditch – cause: insufficient
number of BMPs in ditch



Not enough
BMPs

Same sediment
movement





I don't want you to think I
only take bad pictures!
Great job here!

Sediment in the pipe





Should consider a
BMP between the
rock liner and
concrete ditch



Ditch check not full
ditch width wide.

Get the Picture?



Thank you!

Any questions?

