

809.00 SILT FENCING

The purpose of silt fence is to filter the soil from the runoff from our projects. Most of the time most of the silt will be left on our side of the fence. We may not catch all of the silt, but we can catch a large portion of it.

1. Q. - When do I have the silt fence installed?

 A. - Before any soil is disturbed on the project.
2. Q. - But the silt fence is in the way of construction.

 A. - Adjust the installation to fit the situation or adjust the location.
3. Q. - When do I have the silt fence installed around an area inlet?

 A. - As soon as there is something for the water to run into - even before the grate is set.
4. Q. - The silt fence is to be placed where no water will ever reach it.

 A. - Take the fence to the water.
5. Q. - I took the fence to the water, but have lots of it we cannot use.

 A. - Take it off the contractor's hands in the usual method. (Material furnished but not used on project -- CO/SA.)
6. Q. - There is no silt fence on this project and I can see the need for it.

 A. - Change Order.
7. Q. - The high porosity silt fence is allowing too many fine's to pass.

 A. - Install a low porosity fence on the downstream side of the high porosity silt fence.
8. Q. - There is no room on the downstream side of the silt fence.

 A. - Use a low profile, either low or high porosity silt fence, on the upstream side.
9. Q. - The contractor tore holes in the silt fence when he/she cleaned it out.

 A. - Repair work is on the contractor and is to be done immediately. Silt fence clean out is paid as equipment rental items. Make sure the equipment is capable of doing the work. A backhoe works usually but may require a CO/SA to add to the contract.

10. Q. - We did everything like we should and we still had some silt get away.

A. - Hari-kari is not required. The erosion process is a natural one. We are just trying to slow it down and keep our "dirt" at home. Take photographs of what did and did not work and send them in. We will pass on the good and redesign the bad.

809.01 SILT FENCING CHECKLIST

SSHC Reference: Section 809 -- Silt Fencing & Special Provisions

Other References: Silt Fence Guideline & Approved Products List

Inspection Crew: Construction Technician

Inspection Equipment: None

Silt Fencing Procedures:

- General Comments:*
1. Silt fencing is a first item of business -- before any soil is disturbed.
 2. Does the contractor have the right material? (*SSHC Subsection 809.02, Para. 1.*)
 3. Is the material on the approved products list?
 4. Does the silt fence location need to be adjusted to function better?
 5. Silt fences only work when they are:
 - a. installed correctly
 - b. kept clean
 - c. kept repaired
 6. Questions -- call 402-479-4537, Roadside Development
- Roadside Development (402) 479-4537:*

809.02 SILT FENCE

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At bridge approaches and on other steep slopes, the contractor should place extra rows of silt fence if necessary. The Plan requirements are only a guide and should be adjusted by the project manager to fit the actual field circumstances.

The bay portion of the silt fence is shown partially buried on some details and is not correct. The silt fence should be shown on top of the slope.

- @ The objective is to place the silt fence so that silt will not leave our ROW. Design depends on site visits and preliminary survey data. However, erosion control has not been the focus in past surveys. Therefore placement of silt fence and other erosion control items may have not been optimal. If there is a better place – site the fence there; if more is needed, get it placed; the bottom line is do whatever is necessary to provide erosion control – in the long run it is really cheaper.

The District should remove silt fences and bail checks when the ground cover is established.

If the silt fence is properly installed and some subsequent construction activity damages the silt fence, is additional payment authorized?

It will depend on the circumstances. If the fence had to be installed at a location where subsequent activity was necessary and caused the fence to be removed and replaced, then additional payment is justified. However, if the contractor was negligent and did not use reasonable caution and his neglect resulted in damage to the silt fence, then no additional payment is authorized to replace the fence.

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