



June 19, 2001

**INSTRUCTIONAL BULLETIN NO. 2001-12**

**SUBJECT:** NPDES Line

**EFFECTIVE DATE:** June 19, 2001

**SUPERCEDES:** Plan Preparation Guide, Table on Page 12-4

**RE:** Engineering Directive Memorandum PC 28 (2<sup>nd</sup> Revision)

Attached is revised page 12-4 for the Plan Preparation Guide showing the minimum location for NPDES Lines (z) as shown in the Engineering Directive Memorandum PC 28 (2<sup>nd</sup> Revision).

Please be aware of the change from zero (0) feet to three (3) feet where the fill section is less than five (5) feet. This change is to be effective immediately. As a point of clarity, NPDES lines are to be shown whenever there is a fill slope of any height. The purpose of the NPDES line is to show the Contractor where it is necessary to clear and grub outside of the Construction Limits line, especially when the Clearing and Grubbing pay item is within Roadway. When the Clearing and Grubbing is within Right of Way, then the NPDES line is only necessary when it extends outside of the Right of Way line.

Approved: \_\_\_\_\_

E.S. Eargle  
Road Design Engineer

ESE:afg

Attachment

cc:

Proj. Dev. Engr. Walsh

Proj. Dev. Engr. Kneece

CRM Manager Barwick

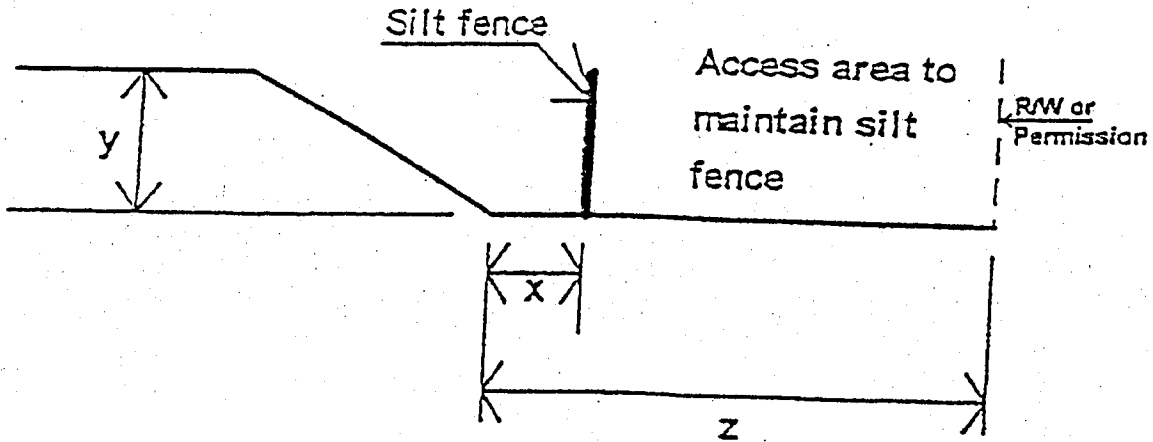
Contract Documents Facilitator Frick

File: PC/ESE

NPDES Area

All fill slopes requires silt fence in order to minimize the erosion of sediment off the project site. Silt fences should be placed at or near the toe of the fill slope as prescribed in the following chart.

Height Of Fill (y)	Minimum Silt Fence Offset from Toe of Slope (x)	Minimum Right of Way For NPDES Lines (z)
< (5)	0	(3)
(5-10)	(3)	(18)
> (10)	(5)	(20)



An area behind the silt fence is needed to properly maintain the silt fence. Large equipment and trucks will use the area behind the silt fence to remove and dispose of any sediment collected by the silt fence or a nearby silt basin. When this area behind the silt fence cannot be obtained, the maintenance of the silt fence will be handled in the best manner possible during construction. Right of way needed to meet NPDES requirements may be by permission or permanent right of way or a combination of both.

Right of way limits in cut slope areas should be determined during the Field Review where interceptor ditches or other erosion control items are deemed necessary.

The right of way line should maintain a uniform alignment for a minimum of 300 linear feet and not fluctuate in and out, when possible. Discretion by the designer should be given when establishing right of way boundaries in order to minimize areas not needed for the construction and maintenance of the project.