

# January 2018 Howard SCD Engineering Newsletter



## Soil Stabilization Matting for Sensitive or Impaired Area

### Rainfall Depths

Please begin using the following rainfall depths.

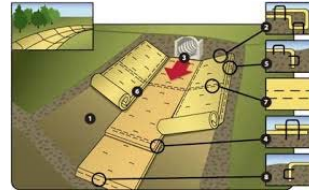
1 yr = 2.64 Inches

2 yr = 3.19 Inches

5 yr = 4.10 Inches

10 yr = 4.91 Inches

25 yr = 6.14 Inches    50 yr = 7.23 Inches    100 yr = 8.51 Inches



For disturbances within environmentally sensitive areas, areas with steep or

highly erodible soils, or other facilities that require protection, please delineate, hatch and note immediate same day stabilization with SSM. Additional controls may include redundant controls, limited grading or other means to minimize disturbance or protection from exposure.

Rainfall distributions have also changed from Type II to NOAA\_C

## Forest Harvest (Standard Plan)

### Signature Updates

There is a revised Standard Forest Harvest Plan on the Howard SCD website. Please begin using this revised plan.



Plans signed before May 8<sup>th</sup>, 2017 still expire after 2 years.



So, if a plan has a District signature of December, 2016, it will expire in December of 2018.....when resigned the new signature will be valid for 3 years from the “new date”.

If a plan received one or more 2 year update(s)...that updated signature is still valid for 2 years but the “new signature” will have a 3 year expiration.

All new signed plans.... After May 8<sup>th</sup> 2017 .... Signatures are good for 3 years.

## **Velocities and Shear Stress**



Computations for shear stress and velocities for matting and non-erosive outfalls should show land use and drainage areas. Assumed velocities and then “working backwards” is not an acceptable means of calculating velocities and shear stress