ATTACHMENT C:
Turbidity Numeric Action Level Spreadsheet [1]

Spreadsheet Instructions

The discharger has the option of using the attached spreadsheet (**Attachment_C_turbidity-NAL)** or more sophisticated statistical or watershed process-based approaches to determine turbidity action levels.

Steps 1 through 4 pertain to the Hydrology and Erodibility worksheet.

Step 1: Enter the 2-year, 24-hour precipitation (inches) in cell B2.

Step 2: Enter the K factor in cell B3.

Step 3: Select the storm type in cell B4.

Step 4: Enter the area of each hydrologic soil group (acres) in cells E2 to E5.

Steps 5 through 8 pertain to the Loading Factors worksheet

Step 5: Enter a C factor value of 0.5 in cell E24.

Step 6: Enter a P factor value of 0.1 in cell E25.

Step 7: Select the appropriate combination of sheet flow length and slope that represents the majority of your site.

Step 8: Select the turbidity NAL from the sheet flow length/slope combination determined in Step 7. The turbidity NAL must be less than 1000 NTU.

[1] This spreadsheet can also be used to estimate sediment yield using a number of conventional erosion and sediment controls. Use the C and P factors in the C and P factor worksheets. Other C and P factors can be found in Haan et. al. (1994).