

## **UA Cossatot Stabilization and Erosion Control Plan for the Soccer Complex**

*This stabilization and erosion control plan is for all previous areas where topsoil has been disturbed by prior construction. This mainly applies to the north practice fields located directly behind the main soccer field.*

Our plans are first to install the appropriate silt fences along the north and west boundaries of the north practice fields to mitigate any soil erosion and runoff that may happen. These silt fences will be staggered and layered for strength and installed at a minimum depth of 8”.

Once the silt fences are installed, we will begin stabilizing the structure of the soccer field slopes through re-grading where necessary, installing Geotech cloth where advisable along the banks, followed by a combination of grass mats and hay, or hay and seeding if the grass mats are unavailable or cost prohibitive for the quantity needed. Where extra structure and runoff mitigation is needed, we will rebuild banks and place either riprap or griz rock on Geotech cloth to stabilize the bank in place.

We will also re-grade the drainage areas around and between the fields where erosion has taken place as well as reseed and apply grass mats and hay along these areas. We anticipate that this will address any runoff issues that the land may have.

Once these measures have been completed, UA Cossatot will continually evaluate the stability of the soil to ensure that any erosion and runoff is properly managed.