

REQUIRED PLAN CONTENTS:

- **LOCATION MAP:** The map shall identify the site location and provide directions and distances from the nearest major road intersection. Provide map at a legible map scale. Note the map scale.
- **SITE PLAN:** Site maps or sketches shall be prepared for all harvests and submitted with the plan application to the St. Mary's Soil Conservation District. The map shall identify all access points, landings, haul roads, skid trails, steep slopes, water bodies, uncut buffer areas, and stream crossings. Provide map at a legible map scale. Note the map scale.
- **TOPOGRAPHY MAP:** The harvest area and property boundaries must be identified on a copy of the U.S.G.S. topographic map and/or any other topographical map approval by the St. Mary's Soil Conservation District. Show the forest harvest area, skid trails, haul roads, highly erodible soil types, steep slopes, road names and wet spots/wetlands. The topography map must be clear enough to show the practices necessary to prevent sediment and erosion impacts.
- **SOILS MAP:** The harvest area and property boundaries must be identified on a copy of the Web Soil Survey.
- **CUSTOM EROSION AND SEDIMENT CONTROL PLAN: (IF APPLICABLE)**
Situations may arise when it is not possible, even with careful planning, to comply with all general requirements of a Standard Plan. In such cases, a Custom Plan is necessary. Two pieces of information must be included in a Custom Plan.
 1. The first is a description of the Standard Plan requirements that cannot be met; the second is the specific erosion and sediment control measure(s) to be used for the forest harvest operation. A sketch or map of the harvest site that identifies this information must be submitted with a Custom Plan. For example, if proposed road grades exceed 15 percent, and turnouts are to be used to drain water from the road, the location of the turnouts must be noted. If stone is to be installed at the discharge end of the turnout to prevent side bank erosion, the location of the stone must also be shown.
 2. Another example is locating a landing on a slope exceeding 10 percent. It may be necessary to install a silt fence or a straw bale dike on the downslope side of the landing to act as a sediment filter. In this case, the location of sediment controls and the type of final stabilization to be used at the landing must be noted on the custom plan.

The St. Mary's Soil Conservation District will require certification of a Custom Plan by a professional engineer, land surveyor, landscape architect, architect, or a LPF, verifying that the plan has been designed in accordance with the appropriate erosion and sediment control ordinances, regulations, standards, and criteria.

In summary, it is important to develop a Custom Plan that identifies the location and describes the specific erosion and sediment controls to be used whenever the Standard Plan requirements cannot be met.

- **STREAMSIDE MANAGEMENT ZONE AND SMZ PLAN: (IF APPLICABLE)**
The establishment of a SMZ is required, at a minimum, along all blue line streams.

Harvesting is allowed within a SMZ provided that a SMZ Plan is prepared by a LPF and approved by the St. Mary's Soil Conservation District. A SMZ Plan must be very specific when describing which trees are to be cut, what precautions for sediment control will be taken, and where the sediment controls will be located. The location of any harvesting within a SMZ must be identified on a sketch of the SMZ. The sediment controls to be used for waterway protection within the SMZ also must be identified on this sketch. If a SMZ Plan is required, all other Standard or Custom Plan criteria must still be met. If other conditions of the harvest necessitate a Custom Plan, requirements for harvesting within the SMZ will be made a part of the Plan.