



## RECLAMATION PLAN REQUIREMENTS

*(Refer to Section 14.6 of the St. Croix County Nonmetallic Mining Ordinance)*

- The reclamation plan shall specify a post-mining land use for the nonmetallic mining site. The post-mining land use shall comply with the county zoning ordinance, and all applicable federal, state and other local ordinances, rules and regulations.
- The reclamation plan shall contain the following information:
  - The name of the operator and the location of the nonmetallic mining site.
  - An overview of the reclamation plan, including the post-mining land use and the methods and sequence for completion.
  - A drawing or map which shows roads, buildings and other structures remaining after reclamation.
  - A drawing or map which shows the topography of the site and any water impoundments or artificial lakes needed to support the land use after reclamation.
  - A description of and the volume of topsoil and/or topsoil substitute material and other earth materials, to be used to complete reclamation, and the methods for stripping, storing, stabilizing, reapplying and conserving these materials during reclamation. If off-site material is used, a description of the source, type and volume of that material shall be included.
  - A description of the earthwork and related activities, including final slope angles, high wall reduction, benching, terracing and other structural slope stabilization measures.
  - An estimate of the total cost of reclamation and, if applicable, the cost of each stage of reclamation.
  - A description of erosion control measures to be employed during reclamation activities.
  - A description of the disposition of man-made features and related facilities after cessation of mining.
  - An estimate of the total cost of reclamation and the cost for each phase of reclamation if it is to be done progressively.
  - A description of re-vegetation including: timing and methods of seedbed preparation; types and rates of soil amendments; timing, methods and rates of seeding; mulching, netting and/or other methods of soil and slope stabilization.
  - A description of erosion control measures to be utilized during reclamation.
  - A timetable for reclamation activities.
  - A description of any area which will be temporarily reclaimed but subsequently mined again for which the operator will request a partial waiver of annual fees and financial assurance.
  - Quantifiable standards for re-vegetation that show the vegetation will support the post-mining land use, including percent of vegetative cover, plant productivity, plant density and diversity.
  - If the post-mining land use returns the nonmetallic mining site to a pre-mining condition, baseline data on the existing plant community for use in evaluating the success of the reclamation.
  - A description of the financial assurance in accordance with Section 14.7 of the St. Croix County Nonmetallic Mining Ordinance.
  - The operator shall provide a signed certification that reclamation will be carried out in accordance with the reclamation plan. In cases where the operator is not the landowner, then the operator shall either obtain a signed certification of the landowner that they concur with the reclamation plan and will allow its implementation or the operator shall provide written evidence that the landowner has been provided with a written copy of the reclamation plan.

## FINANCIAL ASSURANCE REQUIREMENTS

*(Refer to Section 14.7 of the St. Croix County Nonmetallic Mining Ordinance)*

- Prior to commencing any mining activities, the operator shall file a financial assurance with the Zoning Administrator which guarantees a specified amount of money available to St. Croix County for reclamation if the operator fails to reclaim, in whole or in part, the nonmetallic mining site.
- If the operator fails to complete reclamation as required, the Zoning Administrator shall arrange for completion of reclamation utilizing whatever amount of the financial assurance is necessary to pay for the reclamation.
- A financial assurance is not required for nonmetallic mining conducted by the state or by a state agency, board, commission, municipality or other state governmental unit.
- The financial assurance shall be in the form of a bond or an alternate form, including cash, certificate of deposit, irrevocable letter of credit, escrow account, and government securities. If the Zoning Administrator grants the nonmetallic mining permit he/she shall approve the form of the financial assurance. If the Board of Adjustment grants the nonmetallic mining permit it shall approve the form of the financial assurance. The financial assurance may be a combination of forms and is subject to the following criteria:
  - The financial assurance shall be available or payable exclusively to St. Croix County.
  - Interest earned on the financial assurance shall be payable to the operator without restriction.
  - The financial assurance shall allow the county to utilize it for progressive and final reclamation.
  - The Zoning Administrator shall periodically review the financial assurance to ensure it is sufficient to cover current reclamation costs.
  - The financial assurance shall be released upon successful completion of the reclamation plan. A portion of the financial assurance shall be released in an amount equal to the cost of a progressive reclamation stage successfully completed.

***QUESTIONS? Please contact Steve Olson, St. Croix County Community Development, Resource Management at 715-531-1909, or  
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