

APPENDIX A: RECLAMATION PLAN CHECKLIST

IMPORTANT: *The checklist below is based on a restatement of the reclamation plan requirements of s. NR 135.19. However, it is only a summary, and users should refer to the code text itself when interpretations are needed or in order to resolve any ambiguities. The checklist is included both to assist in the process of preparing and submitting a "complete" reclamation plan for review and for use by plan reviewers. There is no intent to imply that all items on this checklist are necessary in all reclamation plans. Should you have questions on the need for your plan to include a given item, please contact your regulatory authority.*

A reclamation plan is required for any non-metallic mine that is in operation on or after August 1, 2001. The plan needs to meet the requirements in this section and satisfy the reclamation standards. To avoid duplication, the reclamation plans may incorporate existing plans and materials that meet these requirements - **NR 135.19(1)**

Site Information - NR 135.19(2) The reclamation plan shall include information sufficient to describe the existing natural and physical conditions of the site, including, but not limited to:	
✓	Maps - NR 135.19(2)(a) <i>Note: Some or all of the information required may be shown on the same submittal, i.e. the site map required by par. (a) may also show topography required by par. (c).</i>
	General location
	Property boundaries
	Areal extent of proposed mine with support areas (stockpiles, berms, haul roads, storage pads)
	Geologic composition and depth of the non-metallic mineral deposit
	Distribution and thickness of topsoil or topsoil substitute
	Location of surface waters
	Drainage patterns and topography
	Groundwater elevation
	Location of manmade features
	Previously mined areas (if applicable)
✓	Narrative – NR 135.19(2)(am) – (e) <i>For some site information requirements, a map will need to be supported by a narrative description with additional information.</i>
	Topsoil and topsoil substitute – description of physical and functional attributes
	Biological Information – description of natural community and wildlife present on and adjacent to mine site.
	Manmade feature – description of structures that will remain during mining and which will be removed
	Previously mined areas – description of plans for use or avoidance of previously mined areas

Post-mining Land Use - NR 135.19(3)(a) The reclamation plan shall specify a proposed post-mining land use for the nonmetallic mine site. The post-mining land use plan should be / include:	
	Consistent with local land use plans and local zoning at the time of submittal.
	Post mining land use achievable under the plan
	Property enrolled in farmland preservation – Post mining land use restored to agricultural use as defined in s. 91.01(2), Wis. Stats.
	Property enrolled in Farmland preservation – Plan meets criteria in s. 91.46(6), Wis. Stats.

Reclamation Measures - NR 135.19(4) The reclamation plan shall include a description of the proposed reclamation, including methods and procedures to be used and a proposed schedule and sequence for the completion of reclamation activities for various stages of reclamation of the nonmetallic mining site. The following shall be included:	
	Earthwork – Grading, Final Slopes, Highwalls, Stabilization
	Topsoil / Topsoil Substitute – Management: Removal, Volume, Storage, Stabilization
	Final Topography – Drainage, Waterbodies, Surface Water and Ground Water protections
	Structures to remain for post mine land use
	Estimated cost – Itemized activities needed to carry out the plan
	Revegetation Plan – Seed Bed Prep, Soil Amendments, Seed Application, Test Plots
	Quantifiable Standards for Revegetation – Measure reference and scale
	Erosion Control – Interim and Final practices
	Interim Reclamation – Areas Subjected, Methods, Timing
	Long Term Safety – Physical and Visual Barriers, Slope Modifications

Criteria for Successful Reclamation - NR 135.19(5) The reclamation plan shall contain criteria for assuring successful reclamation in accordance with s. NR 135.13.	
	Intermittent Cessation in Mining and Contemporaneous Reclamation
	Management of Solid Waste and Refuse
	Maintenance Schedule

Certification of the Reclamation Plan	
	NR 135.19(6) CERTIFICATION OF RECLAMATION PLAN. The operator shall provide a signed certification that reclamation will be carried out in accordance with the reclamation plan. The landowner and lessee, if different from the operator, shall also provide signed certification that they concur with the reclamation plan and will allow its implementation.
	Operator Signature – Statement of intent to implement the plan
	Landowner(s) Signature(s) – All landowners (if the operator is leasing) agree with the plan and will allow its implementation

Plan Approval	
Submitting the Plan - NR 135.19(7) APPROVAL. The regulatory authority shall approve, approve conditionally or deny the reclamation plan in writing in accordance with s. NR 135.21(1)(f) for existing mines and s. NR 135.21(2) for new or reopened mines. Conditional approvals shall be issued according to s. NR 135.21(3), and denials of permit applications shall be made according to s. NR 135.22.	