

## NONMETALLIC MINING RECLAMATION PERMIT

Permit is issued under the Chippewa County Nonmetallic Mining Reclamation Ordinance and Wisconsin Administrative Code NR135.

**Operator:** Haas Sons, Inc.

**Owner:** James Gulich

**Permit Number:** 2017-02

**Date:** October 16, 2017

### Permit Conditions

#### 1. Standards & Implementation

- a. All mining and reclamation shall be conducted in compliance with the reclamation plan that is comprised of the following documents:
  - i. A reclamation plan narrative titled “Non-Metallic Mining Reclamation Plan Narrative,” received July 10, 2017.
  - ii. Six (6) 8.5” x 11” maps titled “Map 1-Existing Site”, “Site Operations Map”, “Site Operations Map 2”, and “Map 3-Final Site”, received August 28, 2017, & “Cross Sections 1” and “Cross Sections 2”, received July 10, 2017.
- b. All mining and reclamation shall be conducted in compliance with all provisions and standards of the Chippewa County Nonmetallic Mining Reclamation Ordinance and Wisconsin Administrative Code NR135.
- c. All mining and reclamation shall be conducted so that they meet or exceed provisions of Reclamation Standards for Non-Metallic Mines in Chippewa County (July 2007).
- d. Prior to commencing any mining activity, the Operator shall obtain all required permits and legal authorizations including, but not limited to, those required to protect public health and safety under all applicable federal, state, or municipal jurisdictions.

#### 2. Financial Assurance

- a. The Operator shall provide adequate Financial Assurance in the form of Surety Bond or Irrevocable Letter of Credit meeting the requirements of the Chippewa County Nonmetallic Mining Reclamation Ordinance and NR135.40 to the Chippewa County Department of Land Conservation & Forest Management (hereinafter the “Department”). To be considered adequate, Financial Assurance to the Department shall be sufficient to cover all nonmetallic mining activities and disturbed areas not covered by Financial Assurance through the Wisconsin Department of Natural Resources (hereinafter the “DNR”). The DNR Financial Assurance will cover the final ponded area and associated side slopes.
- b. The Operator shall notify the Department of any changes to the Financial Assurance held by the DNR.

6. Site Clearing

- a. All topsoil and subsoil in disturbed areas shall be systematically and individually stripped and stockpiled for future use in reclamation. The location of these stockpiles shall be identified with permanent signage and shall be identified on a map that shows the location of all topsoil and subsoil stockpiles. This map shall be submitted to the Department upon request.
- b. No topsoil, subsoil, or overburden shall leave the site during the entirety of the site operations.
- c. The burning of stumps, or any other material at the mine site, is prohibited. All residual woody biomass that is the byproduct of timber harvesting, excluding stumps, shall be retained, chipped, and when practical, composted on site, to be used as a soil amendment during final reclamation.
- d. The Department shall be contacted at least 72 hours prior to commencement of any new land clearing or stripping activities at the mine site.

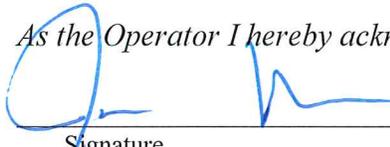
7. Solid Waste & Spills

- a. The import, storage, disposal, or use in reclamation of any solid waste, recyclable materials, or nonmetallic mine refuse generated outside the mine site is subject to the registration provisions of Chapter 30-77 of the Chippewa County Nonmetallic Mining Reclamation Ordinance.
- b. The import, storage, disposal, or use in reclamation of any solid waste, recyclable materials, or nonmetallic mine refuse generated outside the mine site shall be limited to the materials and quantities identified in the reclamation plan or administrative plan amendments.
- c. The Department shall be contacted immediately in the event of a hazardous waste spill, fuel spill, or other incident that could in any way negatively affect groundwater or surface water.

8. Post-Mining Land Use

- a. The mine site and permitted area shall be systematically mined and reclaimed using a process of contemporaneous reclamation. The mine site will be reclaimed for the purpose of establishing the post mining land uses of Wildlife Habitat – Shallow/Deep Pond and Wildlife Habitat – Grassland/Prairie, as described in the Reclamation Plan Narrative and as shown on the “Final Site” map in the reclamation plan.
- b. The completion of successful reclamation shall be determined through physical site inspections. In making the determination of successful reclamation, the Department may take into account other supporting including information provided by the Operator, and information generated from onsite test plots or from other areas of the mine site that have been previously reclaimed.
- c. The success of areas undergoing reclamation shall be determined by the Department using the performance measures defined in the reclamation plan, and any standardized evaluation criteria adopted by the County. The success and sustainability of the site reclamation and the attainment of the post mining land use will be measured and evaluated over a 10 year performance period commencing upon completion of site grading, soils application, and completion of site seeding or planting.
- d. The duration of the performance period may be reduced, at the discretion of the County, if all evaluation criteria have been met.
- e. The success of reclamation during the performance period will be based on the following criteria:
  - i. Site stability

*As the Operator I hereby acknowledge and agree to the above permit conditions.*

  
\_\_\_\_\_  
Signature

10-16-17  
\_\_\_\_\_  
Date

Jason Haas  
\_\_\_\_\_  
Printed Name - Operator

Director  
\_\_\_\_\_  
Title

*Permit approval by Department of Land Conservation & Forest Management*

  
\_\_\_\_\_  
Signature

10/16/17  
\_\_\_\_\_  
Date

CHRISTIEN HUPPERT  
\_\_\_\_\_  
Printed Name - Authorized Staff

PROJECT ENGINEER II  
\_\_\_\_\_  
Title