

Town of Sumner Nonmetallic Mining Permit Application

Town of Sumner
1550 24 1/4 ST.
Rice Lake, WI 54868

FILING FEE \$500

Applicant may attach additional documentation as necessary.

Date of Application_____

Company Name_____

Contact Person_____

Address_____

Phone_____Fax_____Cell_____

Email_____

Engineer Contact_____Phone_____

Geologist Contact_____Phone_____

Proof of Insurance (Please attach a copy of this at the back of the application)

Legal Description of land for proposed mine development _____

Tax Parcel number_____

Name and address of surface land owner_____

Name and address of mineral owner _____

1) Type of Mine:

_____ Construction Fill (Sand, gravel, aggregate, or clay used in construction trades).

_____ Industrial Sand Mine (used to produce glass, molding for castings, manufacture of abrasives, or processed into proppant or other industrial uses).

2) Final destination of mined material: _____

3) Describe current land uses within and adjacent to the project area. Photos would be helpful in providing a view in all directions. Coordinate the photos with the description below.

4) Permits:

a) Does this mine have a current reclamation permit from Barron County to operate? _____

b) List other permits (county, state, federal, DNR, etc.) necessary for this project, indicate status and provide a copy (if available).

5) Size:

a) Expected maximum depth of mine? _____ feet. Depth is relative to what benchmark? _____
_____(Natural ground cover, mean sea level, road elevation, etc.)

b) Groundwater level in the project area? _____ feet.
Circle one: Confirmed or Estimated
Depth is relative to what benchmark? _____

c) Will any part of the mine extend below the water table? ____ Yes ____ No
If yes-do you intend to dewater? ____ Yes ____ No
If yes to above: Estimate dewatering gallons per day _____

What impact, if any, will mine dewatering have on neighboring wells? Provide data to support any conclusions or statements made, including any monitoring well data, well construction data, and current water withdrawal rates.

Specify total area (in acres) _____ to be affected by this project. Include areas for future expansion, stockpiling, processing, haul roads, settling basins, buildings, parking facilities. Show all phase for the removal of material. Give a complete description of the entire site. Use separate sheets as necessary.

6) Mining Operations

a) Completely describe the method that will be used to dispose of brush and other vegetative debris.:

b) Describe the methods that will be used to retain topsoil and all other overburden. Describe how the topsoil, subsoil, and other materials will be stored until the reclamation process takes place.

c) Describe the processing methods that will be used at the site. (Processing methods may include stockpiling & storage, blending, grading, crushing, screening & cleaning, scalping, dewatering, and dust control). If there are none, please explain why they are not necessary.

d) Please provide a list and the material safety data sheets (MSDS) for each chemical used in all processing methods. Attach documentation as necessary.

e) Describe the method of extraction (shovel and truck, front-end loader and truck, hydraulic dredge, dragline and truck, self-loading scraper, other): _____

f) Will explosives be used? ___ Yes ___ No

If yes-specify the types and methods of explosives used and describe what precautions will be used to prevent physical hazards to persons and neighboring property from flying debris, excessive air blasts, or ground vibrations. Depending on the mine's location to nearby structures, more detailed information may be required on the blasting program (such as third party blasting study)._____

g) Will water be used at the site? ____ Yes ____ No

Water may be necessary for processing and also to keep dust under control at the pit site and the haul road, if present. If yes-describe the volume of water needed, the source of the water, and any run off control measures (if needed)._____

a) Indicate the status of high capacity well permit_____

h) Describe the methods used to control dust at the site. This includes mining processes, on haul roads, and while transporting to final destination. Be as complete as possible.

i) Will fuel tanks, solvents, explosives, or other chemicals be stored on site? ____ Yes ____ No

If yes-describe these materials and how they will be secured, stored, and method of containment. Indicate locations of storage facilities on mine map(s)._____

j) Will any structures need to be established on site. ____ Yes ____ No. This includes any storage shed, portable toilet, employee facility, etc. If yes-specify the number, type, and location:_____

k) Identify the number of employees expected to work at the site and the facilities that will be provided:_____

l) Hours/Days of operation (including maintenance): _____

m) Length of time the mine is to remain operational: From 20__ to 20__

7) Trucking Operations

a) How many loads per day: _____. Hours trucks will operate _____.

b) Weight per load: _____

c) Type of truck: _____

d) Which town and county roads will be used to transport material? Please provide a complete description of all roads to be used to transport and to return to the site.

e) Performance bonds may be necessary for the repair and /or restoration of any township road affected in an adverse way. What specific contributions will be taken to insure that the township roads will be maintained to a safe and secure condition?

8) Environmental

a) List resources that may be impacted by this project such as timber, agriculture, surface water, ground water, air quality, noise pollution, and plant, wildlife or fish habitat. Describe measures that will be taken to mitigate those impacts. _____

b) Are there any known endangered species on or near the mine site? ___Yes ___No.

If yes-Describe the species and whether an environmental impact statement will need to be prepared. _____

c) Are there any known acid producing minerals or soils present? ___Yes ___No

If yes-how will acid water pollution from the excavation, stockpiling, and waste areas be controlled?

d) What is the schedule and method for well monitoring within 1.5 miles of the mine's boundaries before, during and after the mine is opened, worked, and reclaimed? Monitoring distance may need to be increased if the mine depth is near the water table, dewatering is used, or explosives are used. Monitoring distance may be decreased if suitable impact test is done and results are acceptable to the Town of Sumner.

e) Describe erosion control practices that will be used during mining. If no measures will be used, explain why none are needed.

a) Indicate the status of construction site erosion control permit _____

f) Describe measures that will be taken to screen the operation from view of surrounding land uses or an explanation of why such measures are not needed. If screening **is** needed please provide a detailed and illustrated plan showing screening. If screening **is not** needed, please include photos of the area (aerial or ground level). Please show the areas affected on a plat.

9) Reclamation:

This section is preliminary-the actual Barron County Reclamation plan for the proposed mining site will need to be submitted to the township before the Plan Commission can officially review the application.

What is the status of the Barron County Reclamation permit? _____

a) Describe progressive reclamation activities that will occur over the life of the operation. Be complete in the description. If necessary show the reclamation in the various phases. Attach additional information as necessary.

b) Is an excavated/impounded body of water to be left as part of the reclamation? ___Yes ___No
If yes-Will it be secured to prevent unauthorized access by the public? ___Yes ___No
If yes-Will it be stocked with fish? ___Yes ___No If yes-what species?

c) Describe the methods that will be used at the cessation of seasonal operations to stabilize slopes from erosion. This includes both wind and water erosion. Provide a plan and be complete in your description attaching additional information as necessary. _____

d) Will the site become inactive during current operations for an unspecified period of time?

____ Yes ____ No

If yes-Describe the interim reclamation methods that will be used:

e) Describe proposed reclamation including final slopes, high wall reduction, benching, terracing, and other structural slope stabilization measures. Will the reclamation practices being followed be in agreement with all items of the General Code of Ordinances of Barron County? Specifically, Chapter 18, of the Barron County Non-Metallic Mining Reclamation Ordinance.

f) Describe anticipated topography, water impoundments, artificial lakes, and future land use of the site. This should be based upon the entire proposed site. It should include a detailed description of the process and how it will relate to the Barron County Non-Metallic Mining Reclamation Ordinance.

g) Describe plans for the disposition of surface structures, haul roads, and related facilities after completion of mining. _____

h) Describe the methods proposed for the disposal or reclamation of oversize and undersized materials. If returned to the site, how will they be incorporated into the reclamation process?

i) Describe or attach a copy of a seeding plan that includes methods of seed bed preparation, seed mixtures, seeding rates, mulching, and other techniques needed to accomplish site stabilization.

j) Describe the long term maintenance needed to support reclamation. (as per the amended ordinance):

k) Provide an estimate of the reclamation cost of each phase of the project or the entire site if phasing is not planned.

To the best of my knowledge, I certify that the information provided on this application, attached to this application and all accompanying documents are true and accurate.

Property Owners signature _____ Date _____

Please print or type signature _____

Mining Company Signature _____ Date _____

Please print or type signature _____

Company _____

Address _____

Signature of this application authorizes the Town of Sumner staff and its designees to enter the property to perform needed inspections. Entry will not require a prior notice.

The applicant agrees to provide twenty-five (25) copies of this application. These copies are necessary for the plan commission, town board, adjoining landowners, and general public at the public hearing.