

**TOWN OF CUTLER  
NONMETALLIC MINING APPLICATION**

Date of Application \_\_\_\_\_

Company Name \_\_\_\_\_

Contact Person \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Cell \_\_\_\_\_

Email \_\_\_\_\_

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

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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 the construction trades).

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

2) Final Destination of Mined Material:

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

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4) Permits:

A) Does this mine have a current reclamation permit from Juneau County to operate?

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

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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. Confirmed or estimated? (circle one). 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 – Estimated dewatering rates in 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.

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D) 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 phases for the removal of material. Give a complete description of the entire site.

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6) Mining Operations:

A) Describe the method that will be used to dispose of brush and other vegetative debris. Described the process completely:

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

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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.

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

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E) Will explosives be used: Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes – specify the types & 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 a third party blasting study).

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F) 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).

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

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H) 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).

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I) 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:

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

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K) Hours/days of operation (including maintenance):

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L) Length of time the mine is to remain operational? From 20 \_\_\_\_ to 20 \_\_\_\_.

7) Trucking Operations:

A) How many loads per day: \_\_\_\_\_ Hours truck will operate: \_\_\_\_\_

B) Weight per load: \_\_\_\_\_

C) Type of truck: \_\_\_\_\_

D) Which township 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. 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?

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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.

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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.

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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?

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D) What is the schedule and method for well monitoring within a ¼ mile 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).

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

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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 they are not needed, please include photos of the area (aerial or ground level). Please show the areas affected on a plat.

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9) Reclamation: The actual Juneau County Reclamation Plan for the proposed mining site will need to be submitted to the Township before the Town can officially review the application).

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.

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B) Is an excavated/impounded body of water to be left as part of the reclamation?

Yes \_\_\_\_\_ No \_\_\_\_\_.

If yes – 1) Will it be secured to prevent unauthorized access by the public?

Yes \_\_\_\_\_ No \_\_\_\_\_.

If yes – 2) 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. Be complete in your description.

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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:

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E) Describe proposed reclamation including final slopes, high wall reduction, benching, terracing and other structural slope stabilization measures.

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F) Describe anticipated topography, water impoundments, artificial lakes and future land use of the site. This should be based upon the entire proposed site.

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

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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?

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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.

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J) Describe long term maintenance needed to support reclamation.

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

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

Property Owners Signature \_\_\_\_\_ Date \_\_\_\_\_

Please print or type the signature \_\_\_\_\_

Mining Company signature \_\_\_\_\_ Date \_\_\_\_\_

Please type or print the signature \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Signature of this application authorizes the Town of Cutler and its designees to enter upon 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 Town Board, adjoining landowners and general public at the public hearings.