

Application – Part 2
Town of Prairie Lake Nonmetallic Mining License
Operational Plan

(Please refer to the Town of Prairie Lake Nonmetallic Mining Licensing Ordinance 2012-1)

Name of Operator: _____
Location of Site: _____
Date of commencement of Nonmetallic Mining: _____
Date of cessation of Nonmetallic Mining: _____

Checklist of information required to be included

- _____ A schedule of the activities that will be necessary to prepare the Site for initial use including, but not limited to, drilling and initial testing of monitoring Wells, erection of air quality monitoring stations, placement of Erosion control, construction of Berms, roads, holding and wash ponds, and the building of all structures.
- _____ Description of Nonmetallic Mining methods to be used for extraction and any Manufacturing Process and the sequence of operations.
- _____ Description of types of machinery and equipment to be used.
- _____ Estimated volume of all material to be extracted on an annual basis.
- _____ Estimated volume of Nonmetallic Minerals to be extracted on an annual basis.
- _____ Estimated total volume of all material to be extracted through the life of the Site.
- _____ Estimated total volume of Nonmetallic Minerals to be extracted through the life of the Site.
- _____ Location of Public Highway access points together with copies of access permit(s) that have been granted.
- _____ Identification of all proposed off-Site trucking routes, together with the frequency of traffic and the common schedule of travel to be used for transporting extracted Nonmetallic Minerals or products to or from the Site.
- _____ A plan for training all Nonmetallic Mining employees as to the requirements of this ordinance.
- _____ A water budget, including the amount of daily water use, water sources, and methods for disposing of water including methods used for infiltration and control of runoff.
- _____ Measures to be taken to screen the Nonmetallic Mining from public view.
- _____ Measures to be taken to minimize noise, Fugitive Dust, vibrations, and Light Pollution.
- _____ Security measures to be employed on Site.

_____ A listing of any chemical materials, including fuel supplies, that will be used in the Nonmetallic Mining or Manufacturing Process, store location on Site, and a description of measures to be used for securing and storing these materials.

_____ A plan for responding to spills of any hazardous materials on the Site.

_____ A preservation plan for avoiding disturbance of historic, cultural or archaeological sites, natural and man-made landmarks, and unmarked human burials. A preservation plan shall be required for each proposed Nonmetallic Mining operation. The plan shall consist of the following:

- A detailed description of historic, cultural or archaeological sites that are on the property;
- A description of how the proposed Nonmetallic Mining will disturb or adversely impact identified historic, cultural or archaeological sites and artifacts located on the Site;
- A description of how adverse impacts will be mitigated, including methods of restoration, preservation, and salvage; and,
- The identity and qualifications of all individuals who are involved in the preparation and implementation of the plan.

_____ A plan for controlling any flooding at the Site.

_____ A plan for controlling weeds and maintaining buildings and equipment in neat condition at the Site.

_____ A plan to harvest and to convert to a Forest Product any Forest areas and to dispose of stumpage and Forest waste without burning.

Information to be provided establishing baseline conditions at the Site before Nonmetallic Mining begins including:

_____ The Water Table elevation across the Site and a test of Groundwater for any poison or toxin that may be present.

_____ The base flow of Surface Waters within one-half (½) mile of the Site.

_____ The midday ambient level of airborne fine particulate matter (PM) expressed in micrograms/cubic meter, measured to the commonly known PM10 and PM 2.5 standards at the boundaries of the Mine Site at each cardinal compass heading. The sample measurements shall be taken on five (5) different non-sequential days. The date and time of day, average wind speed and direction and relative humidity during the sample period shall be noted in the test report.

_____ The midday and midnight A-Weighted Background Sound Level expressed in decibels (dba) at the boundaries of the Mine Site at each cardinal compass heading.

_____ The midnight ambient moonless night light levels expressed in foot candles at the boundaries of the mine at each cardinal compass heading.

Information included that establishes that the Nonmetallic Mining/Manufacturing Process complies with the following standards:

_____ The Operator shall fence the borders of the entire Site with chain link fencing with a minimum height of eight (8) feet.

_____ The Operator shall obtain a Blasting permit from the Town for any Blasting operations.

_____ The Operator shall demonstrate that all other applicable Federal, State and Town permits and/or approvals for Nonmetallic Mining have been obtained prior to commencement of the Nonmetallic Mining.

_____ The Operator shall provide notice to the Town of any notices of violations, citations, or other enforcement actions taken by any governmental body against the operator in relation to Nonmetallic Mining within the Town.

_____ The Operator shall store, use and dispose of all hazardous chemicals and fuels in accordance with applicable State and Federal law.

_____ The Operator shall provide dust collection or air filtration equipment that is equipped with discharge stack monitoring apparatus capable of detecting and recording rupture of any filter bags or media. Upon probable rupture or excessive particulate discharge, the system shall alarm and, if not remedied in twenty-four (24) hours, shut down the air stream. The operating record of each stack monitoring apparatus, in electronic/digital format of each apparatus, shall be available to the Engineer. Records shall be kept for the duration of the Nonmetallic Mining by the Operator.

_____ The Operator shall keep the Mine Site in a neat and orderly condition. Equipment and buildings at the Site shall be maintained in good appearance and working order.

_____ The Operator shall not dispose of Waste Materials containing chemicals declared to be hazardous by a government agency at the Site or Manufacturing Facility.

_____ The Operator shall provide water meters showing total gallons used. Site Wells used for monitoring and testing need not be metered.

_____ The Operator shall not bring any foreign material or material from other Nonmetallic Mining operations to the Site to use as fill or during Reclamation without prior approval of the engineer.

_____ The Operator shall not dispose of any chemicals declared to be hazardous by a government agency at the Site or Manufacturing Facility.

_____ The Operator shall have a written plan for responding to spills of any hazardous materials on the Site or while in transport either to or from the Site.

_____ The Operator shall have written records of training all employees, suppliers, and subcontractors to the General Standards of operation. The written record shall consist of copies of Section 10 of the Town of Prairie Lake Nonmetallic Mining Licensing Ordinance 2012 - 1 signed and dated by each employee, supplier, and subcontractor.

(The Operator and Landowner shall allow the Engineer, any member of the Town Board, the Chair of the Plan Commission or any agent or employee of the Town, to inspect the Nonmetallic Mining Site and operational records upon reasonable notice.)

I certify that the information contained herein is truthful and accurate.

Signature of Operator/Representative

Signature of Operator/Representative

Print Name & Title of Operator

Print Name & Title of Operator

Name of Company

Name of Company

Date: _____

(Original of this document and 9 hard copies along with 9 copies of all supporting documentation shall be submitted to the Clerk of the Town of Prairie Lake.)