

# Environment Act Licence

Manitoba  
Environment and  
Workplace Safety  
and Health



Licence No. 1213

Issue Date August 12, 1988

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

## MARIASH CONSTRUCTION LTD.: APPLICANT

The following limits, terms and conditions shall be complied with in connection with the operation of a quarry located in the Northeast Portion of Legal Subdivision One of Section 14-13-2E in the Rural Municipality of Rockwood:

1. The Applicant shall not permit the operation of any equipment, as defined in Clause 10 of this order, used in quarry operations between the hours of 8:00 p.m. of one day to 6:00 a.m. of the following day, or at any time on Sundays or statutory holidays except when the statutory holiday falls on Tuesday, Wednesday or Thursday where the Applicant will have the option of working on the statutory holiday and observing the statutory holiday on a Monday or Friday.
2. The Applicant shall not, with respect to blasting at the site of the quarry operation, cause or permit the emission of:
  - a) sound which exceeds the following limits when measured beyond the property line of the quarry operation:
    - (i) within 15 metres of a building maintained as a dwelling, 130 decibels linear peak sound pressure level;
    - (ii) within 15 metres of any building maintained for use other than as a dwelling, 150 decibels linear peak sound pressure level;
    - (iii) where any person other than an employee of the operation is exposed, 140 decibels linear peak sound pressure level;

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2. b) soil-borne vibrations which exceed the following limits when measured beyond the property line of the said operation and inside a building below grade or less than one metre above grade:
  - (i) for any building maintained as a dwelling, 12 millimetres per second peak particle velocity in any one of three mutually perpendicular directions (vertical, radial, and transverse to the source);
  - (ii) for any building maintained for use other than as a dwelling, 50 millimetres per second peak particle velocity in any one of three mutually perpendicular directions (vertical, radial, and transverse to the source).
3. The Applicant shall not cause or permit blasting to take place on the site of the quarry operation between 4:00 p.m. of any day and 9:00 a.m. of the following day, or at any time on a Saturday or Sunday, or a statutory holiday observed pursuant to Clause 1, except in emergency conditions as defined in Clause 10.
4. The Applicant shall record and retain a log of all blasts conducted as part of the quarry operation, for inspection by authorized officials of the Rural Municipality of Rockwood, the Mines Branch and the Environmental Management Division, the log to include a sketch of the blast area showing the locations, depth, weight and composition of charges, the type, arrangement and delay timings of detonators used, the time of firing and details of any malfunctions or misfires together with a record of the corrective actions taken.
5. The Applicant shall not cause or permit visible particulate emissions from any point of emission of the quarry operation, except blasting, that exhibit an opacity greater than or equal to:
  - (a) 40 percent at any time;
  - (b) 20 percent for more than four minutes in the aggregate in any one hour.
6. The Applicant shall limit the wind entrainment of particulate matter from any source of the quarry operation, except blasting, to the extent that the particulate matter does not exhibit an opacity in excess of 5 percent beyond the property line of the quarry operation.

