

**Seeding Specifications for the  
Tudor Municipal Snow Disposal Site**

**Section 1.0 SEEDING**

Article 1.1 General

The work under this SECTION shall consist of providing all labor, equipment and materials for the preparation of ground surfaces for the application and maintenance of seeded areas, fertilization, lime application (if necessary), watering and mulching at locations shown on the drawings or established by the Engineer.

All seeding shall be performed between May 1 and September 1. Seeding at other than the specified dates will only be allowed upon written approval from the Engineer. Seeding shall not be done during windy conditions or when climatic or ground conditions would hinder placement or proper germination of seed mixes.

Article 1.2

a. Seed

Seed shall conform to the following seed mix type and application rate.

Schedule A

Application rate: 4.5 lbs. /1,000 s.f.

Name	Proportion by weight	Purity	Germination
<i>Festuca rubra</i>	40%	90%	85%
<i>Deschampsia caespitosa</i>	20%	90%	85%
<i>Leymus arenarius</i>	20%	90%	85%
<i>Beckmannia syzigachne</i>	20%	90%	85%

b. Fertilizer

Fertilizer shall be of a standard commercial type supplied separately or in mixtures and furnished in moisture-proof containers. Each container shall be marked with the weight and the manufacturer's guaranteed analysis of the contents showing the percentage for each ingredient contained therein. The proportion of chemical ingredients furnished shall be a mixture such as to provide the total available nitrogen, phosphoric and potassium as required by the soil analysis or as specified in the Special Provisions.

c. Limestone

Limestone shall contain not less than 85 percent of calcium and magnesium carbonates. Agricultural ground limestone suitable for application by a fertilizer spreader shall conform to the following gradation:

<u>Sieve Designation</u>	<u>Minimum Percent Passing by weight</u>
No. 10	100
No. 20	90
No.100	50

Fertilizer and limestone for use in a hydraulic sprayer shall be soluble or round to a fineness that will permit complete suspension of insoluble particles in water.

Article 2.3 Application

a. soil preparation

After grading of areas has been completed in conformity with the lines and grades shown on the Drawings, and before beginning seeding operations, the area to be seeded shall be cultivated to provide a reasonably firm but friable seedbed. Cultivation shall be carried to a depth of two inches (2"). On slopes steeper than 3:1 depth of cultivation may be reduced as directed by the Engineer. All cultivated areas shall be raked or cleared of stones one-inch (1") in diameter and larger; all weeds, plant growth, sticks, stumps and other debris or irregularities which might interfere with the seeding operation, germination of seed, or subsequent maintenance of the seed cover areas shall be removed.

b. Fertilizer

Fertilizer shall be applied at a rate to provide 2 lbs. actual nitrogen per 1,000 s.f. of area. In the absence of soil tests and the direction from the Engineer, the Contractor shall apply 16-16-16 at the rate of 12.5 lbs per 1,000 s.f.

Article 2.4 Maintenance

The contractor shall protect seeded areas from damage from all traffic, whether people, animals, on or off-road vehicles, or any other causes which may damage newly seeded and maintained surfaces. Surfaces damaged shall be repaired by regrading, reseeding (including all specified amendments) as directed by the Engineer and at no additional cost to the Owner. The contractor shall otherwise maintain seed areas in a satisfactory condition until Final Acceptance of the work.