



3 Year Native Plant Seeding/Maintenance Plan Requirements

Purpose:

The purpose of this seeding/maintenance plan is to establish native prairie/wetland plants in and around a stormwater facility or upland area.

General Requirements:

- A company specializing in restoration of native plant communities must be hired to complete the work.
- 60% relative cover of native vegetation must be achieved across the site after 2 years with a max of 10% invasive vegetation and 15% bare ground. After 3 full years, 85% dominance of native vegetation must be achieved across the site with no more than 5% invasive vegetation as listed MNDNR invasive species list. Bare ground should not be over 5%. Plots may be used to determine final cover.
- The contractor hired must provide a maintenance plan to the City of Shakopee's Natural Resources Division with the proposed seed mixes/rates and maintenance activities (proposed timing, procedures, etc). Provide a separate cost estimate for seeding and 3 years of maintenance for the area. This must be reviewed and approved by the City of Shakopee's Natural Resources Division before seeding takes place.
- A portion of the grading permit financial security shall be held for 3 full years to ensure vegetation establishment in the stormwater basin area. The portion held shall never be reduced to less than 125% an amount to ensure the completion of the contract as shown on the approved plan.

Seed Mix Requirements:

- Plant selection should focus on providing; water quality, pollinator, wildlife, and aesthetic benefits. Also, taking into account soils conditions and availability.
- The following seed mixes (or a similar mix providing the same benefits/diversity, accepted by the City) are to be used:

Cover Crop: *Erosion control must be maintained at all times.* Depending on final grade timing, a cover crop may need to be planted alone due to soil stabilization and herbicide requirements (see maintenance requirements below).

Aquatic bench to High Water Line: 34-271 Wet Meadow South & West (seeding rate as specified in state seed mix)

Above High water line: MN State Seed Mix 35-641 Mesic Prairie Southeast (seeding rate as specified in state seed mix, with the exception of subtractions listed: no big bluestem, no Canada tick foil)

Minimum Maintenance Requirements:

- The contractor must spray herbicide (or use other techniques) to kill noxious weeds and other weed competition at least once before seeding with final seed mix.
- Mowing must be provided the first two years, twice a year after seeding to reduce weed competition to native plants. Mowing height should be between 5 and 8 inches once weed competition reaches 12 inches tall, increasing as the native plants get taller.
- Spot spraying is required years 1, 2, and 3- targeting volunteer trees, reed canary grass, smooth brome grass, Canada thistle (and other thistles), crown vetch, and any invasive vegetation as listed MNDNR invasive species list.
- A prescribed burn is required the 3rd year before the financial security is returned in full.
- Other maintenance may be required to meet vegetation establishment requirements.

For questions contact:

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