**Native Turf Seeding Design Review Check List**

Applicant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Submitted By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Describe the area to be seeded \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the current land use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Planting area size: \_\_\_\_\_\_\_\_\_\_\_ SF or \_\_\_\_\_\_\_\_\_\_ Ac
4. Planting Units (PU) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ( 1 PU = 1,000 sq ft) (ex 3,500 sq ft = 3.5 PU)

 (Seed 1-2 lbs Pure Live Seed per PU or 44-88 lbs Pure Live Seed per Ac)

1. Slope of the area \_\_\_\_\_\_\_\_\_\_\_\_\_\_%
2. Method(s) to kill existing vegetation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Seedbed preparation method \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Site light conditions: \_\_\_\_\_ Sunny \_\_\_\_\_ Partial Sun \_\_\_\_\_ Shade
5. Site soil conditions: \_\_\_\_\_ Dry \_\_\_\_\_ Mesic \_\_\_\_\_\_ Wet
6. Selected seeding mix (**Show lbs as Pure Live Seed and attach seed tags, % germination**)

**Show calculations. See example calculations on next page for seed mix rates**

**Mix #1**-Blue Grama – 30% of mix at 2 lbs. PLS/PU lbs. PLS\_\_\_\_\_\_\_\_\_\_\_\_

 Buffalo Grass – 40% of mix at 1 lb. PLS/PU lbs. PLS\_\_\_\_\_\_\_\_\_\_\_\_

 Sideoats Grama – 30% of mix at 1 lb. PLS/PU lbs. PLS\_\_\_\_\_\_\_\_\_\_\_\_

**OR**

**Mix #2**-Blue Grama – 50% of mix at 2 lbs. PLS/PU lbs. PLS\_\_\_\_\_\_\_\_\_\_\_\_

 Buffalo Grass – 50% of mix at 1 lb. PLS/PU lbs. PLS\_\_\_\_\_\_\_\_\_\_\_\_

1. Seeding date: Spring (April 1-June 30)

Date seeding completed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Erosion control: \_\_\_ mats \_\_\_ nurse crop \_\_\_ hydromulch \_\_\_ other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Describe erosion control(what mats or nurse crop used, etc)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Who will perform maintenance during seeding establishment (first two years)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Please attach the following:

\_\_\_\_ Aerial photo or map with plan view \_\_\_\_ Soils map

\_\_\_\_ Topography map \_\_\_\_ Seeding plan

\_\_\_\_ Establishment and Maintenance plan (watering, mowing etc)

**Example seed mix rates:**

Mix #1 – PLS needed for a 3,500 sq. ft yard. (3.5 PU)

Blue Grama – 2 lbs. PLS x 3.5 PU = 7 lbs. PLS x 30% of mix = 2.1 lbs. PLS

Buffalo Grass – 1 lb. PLS x 3.5 PU = 3.5 lbs. PLS x 40% of mix = 1.4 lbs. PLS

Sideoats Grama - 1 lb. PLS x 3.5 PU = 3.5 lbs. PLS x 30% of mix = 1.1 lbs. PLS

Mix #2 – PLS needed for a 3,500 sq. ft yard. (3.5 PU)

Blue Grama – 2 lbs. PLS x 3.5 PU = 7 lbs. PLS x 50% of mix = 3.5 lbs. PLS

Buffalo Grass – 1 lb. PLS x 3.5 PU = 3.5 lbs. PLS x 50% of mix = 1.8 lbs. PLS

**Show calculations below**

Mix #1 – PLS needed for a \_\_\_\_\_\_\_\_\_\_\_ sq. ft yard. (\_\_\_\_\_\_\_ PU)

Blue Grama – 2 lbs. PLS x \_\_\_\_\_ PU = \_\_\_\_\_ lbs. PLS x 30% of mix = \_\_\_\_\_ lbs. PLS

Buffalo Grass – 1 lb. PLS x \_\_\_\_\_ PU = \_\_\_\_\_ lbs. PLS x 40% of mix = \_\_\_\_\_ lbs. PLS

Sideoats Grama - 1 lb. PLS x \_\_\_\_\_ PU = \_\_\_\_\_ lbs. PLS x 30% of mix = \_\_\_\_\_ lbs. PLS

Mix #2 – PLS needed for a \_\_\_\_\_\_\_\_\_\_ sq. ft yard. (\_\_\_\_\_\_\_ PU)

Blue Grama – 2 lbs. PLS x \_\_\_\_\_ PU = \_\_\_\_\_ lbs. PLS x 50% of mix = \_\_\_\_\_ lbs. PLS

Buffalo Grass – 1 lb. PLS x \_\_\_\_\_ PU = \_\_\_\_\_ lbs. PLS x 50% of mix = \_\_\_\_\_ lbs. PLS

***FOR REVIEWERS USE ONLY***

[ ]  This design appears to comply with the standards in the Iowa Stormwater Management Manual.

[ ]  This design does not appear to comply with the standards in the Iowa Stormwater Management Manual.

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_