

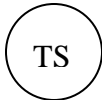


Oak Park Conservancy District Stormwater Best Management Practices (BMPs) Erosion Prevention Practices (EPPs)		EPP-05														
Activity: Temporary Seeding																
PLANNING CONSIDERATIONS: Design Life: 1 yr Acreage Needed: As Needed Estimated Unit Cost: Avg: \$100/acre Range: \$200-\$1000/acre Annual Maintenance: 20% of Capital Costs																
																
	Target Pollutants															
	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Significant ♦</td> <td style="text-align: center;">Partial ♦</td> <td style="text-align: center;">Low or Unknown ◇</td> </tr> <tr> <td style="text-align: center;">Sediment ♦</td> <td style="text-align: center;">Heavy Metals ◇</td> <td style="text-align: center;">Nutrients ◇</td> </tr> <tr> <td style="text-align: center;">Oil & Grease ◇</td> <td style="text-align: center;">Bacteria & Viruses ◇</td> <td style="text-align: center;">Floatable Materials ◇</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Oxygen Demanding Substances ◇</td> <td style="text-align: center;">Toxic Materials ◇</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Construction Waste ◇</td> <td style="text-align: center;"></td> </tr> </table>		Significant ♦	Partial ♦	Low or Unknown ◇	Sediment ♦	Heavy Metals ◇	Nutrients ◇	Oil & Grease ◇	Bacteria & Viruses ◇	Floatable Materials ◇		Oxygen Demanding Substances ◇	Toxic Materials ◇		Construction Waste ◇
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Description	<p>For disturbed areas not suitable for seeding and areas with rapidly growing annual plants used to prevent erosion, this BMP helps to temporarily stabilize the soil. This management practice is likely to create a significant reduction in sediment and a partial reduction in nutrients and toxic materials. Temporary seeding may also prevent costly maintenance operations on other erosion control systems.</p>															
Suitable Applications	<ul style="list-style-type: none"> ➤ Apply where final grading of exposed surfaces are to be completed within 15 days to a year. ➤ Apply to bare areas, soil stockpiles, dikes, dams, sides of sediment basins and temporary diversions. 															
Approach	<ul style="list-style-type: none"> ➤ Protect area against seed wash-out using surface roughening diversions or terraces. ➤ Soil should be analyzed for fertilizer and lime requirements. ➤ Apply fertilizer at a rate of 800 lbs. per acre with commercial grade 6-12-12 or apply fertilizer and lime per soil requirements. ➤ Weather conditions should be taken into account when seeding areas. Seeding should not take place during adverse weather conditions. ➤ Sod if required, should follow requirements for the State of Indiana. ➤ Sod should be Kentucky 31 Fescue, Bluegrass, or Bermuda grass. ➤ Sod shall be set or reset only when the soil is moist and favorable to growth. Setting will be as follows unless permission is granted by the engineer. ➤ Kentucky 31 Fescue – Anytime weather permits ➤ Bermuda grass – April 15 through August 14 ➤ Bluegrass – March 1 through April 30; September 1 through October 31 															

Activity: Temporary Seeding

- Maintenance**
- Inspect frequently within the first six weeks of planting to assure that appropriate moisture levels are maintained and determine if stands are uniform and dense.
 - Make provisions to water as needed to penetrate to a depth of 6 inches (15.2 cm).
 - Check for damage caused by equipment or heavy rains. Damaged areas should be repaired, fertilized, seeded, and mulched. Tack or tie down mulch as necessary.

- Installation**
- The chart below displays the recommended blend for seeding by season.

Recommended Seed Blend for Indiana.

Species or Mixture	Seeding Rates (lbs/ac)	Seeding Dates (without mulch)
<i>General mix</i>		
white clover	8	Aug. 1-Sept. 1
Perennial rye grass	5	
Annual rye grass	8	Aug. 15-Sept. 15
Creeping red fescue	10	Mar. 1-May 1
<i>Sun and Partial Shade Mix</i>		
Kentucky 31 fescue and one of the following:	20	Mar. 1-May 1 and Aug. 1-Oct. 1
spring oats, buckwheat	30	Mar. 1-May 1
creeping red fescue	20	Mar. 1-May 1
Appalow sericea lespedeza:	10	Mar. 1-June 1
red top	2	Mar. 1-Sept. 15
birdsfoot trefoil	10	Mar. 1-Sept. 15
flatpea	30	Aug. 1-Sept. 15
cereal rye, wheat, barley	30	Sept. 15-Oct. 1
<i>Full and Partial Shade Mix</i>		
creeping red fescue & white clover	20	Mar. 1-May 1
	2	Aug. 1-Sept. 1

Inspection Checklist

- Area is watered daily.
- Area is watered at the end of the day.
- Heavy equipment has not been used within area.