CTIVITY: Temporary Seeding				TCF	TCP - 05	
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• Signifigan	t Donofit	Targeted Cons <ul> <li>Partial Ben</li> </ul>		• Low or Unk	noum Donofit	
	• Heavy Metals	• Floatable Mat	erials 0	Oxygen Demandi	ng Substances	
Nutrients <b>)</b> T		Oil & Grease 0	Bacteria & Viru	ises 0 Constru	ction Wastes	
● Hig	h .	Medium	- 	o Lov		
<ul> <li>Capital Costs</li> </ul>	• O & M Costs	Maintenance	Suitability	for Slopes >5%	<ul> <li>Training</li> </ul>	
Suitable Applications	<ul><li>permanent seed reduction in sec</li><li>Apply when to a year.</li></ul>	urbed areas before fin ling. This managem diment and a partial n re final grading of ex enuded areas, soil sto	ent practice is li reduction in nut sposed surfaces	kely to create a sig rients and toxic ma are to be complete	nificant terials. d within 15 day	
Approach	surface rou	seed wash-out, the a ghening diversions a	and terraces.		methods as	
	<ul> <li>Soil should be analyzed for fertilizer and lime requirements.</li> <li>Apply fertilizer and lime per soil requirements or supply fertilizer at a rate of 5 pounds per 1,000 square feet with commercial grade 10-10-10.</li> </ul>					
	Apply selected seed at a rate of 1 pound per 1,000 square feet. Seed should be sown uniformly as soon as preparation of the seedbed has been completed by means of a rotary seed spreader, hydraulic equipment, or other satisfactory means.					
	<ul> <li>Straw mulch or chemical stabilization should be applied especially to seedlings in the fall for winter cover or slopes that exceed 3:1 (H:V).</li> </ul>					
	-	shall be done during or otherwise nontill		r or when the groun	nd surface is	
olume 4: tormwater Best Man						

ACTIVITY: Tempo	rary Seeding	TCP - 05			
•	<ul> <li>No seeding shall be performed during December and January unless otherwise permitted.</li> </ul>				
	Mulching – When the mulching material is hay or straw, it shall be spread evenly over the seeded area at an approximate rate of 100 pounds per 1,000 square feet for straw and 150 pounds per 1,000 square feet for hay immediately following the seeding operations. This rate may be varied by the Engineer depending on the texture and condition of the mulch material and the characteristics of the area seeded.				
<ul> <li>Sod shall be Kentucky 31 Fe</li> </ul>		escue, Bluegrass, or Bermuda grass.			
•		od shall be set or reset only when the soil is moist and favorable to growth. etting 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 3				
•	or wood pegs. Where surface water c of slopes, install a strip of heavy jute	Il be fastened to the ground with wire staples cannot be diverted from flowing over the face or plastic netting and fasten tight along the otection against lifting and undercutting of			
•		uipment or material placed on any planted es and guards to prevent his equipment, labor r any area planted with sod.			
<ul> <li>Maintenance</li> <li>Inspect frequently within the first six weeks of planting to see if and dense and to assure that appropriate moisture levels are mai</li> <li>Make provisions to water as needed to penetrate to a depth of 6</li> </ul>					
		o penetrate to a depth of 6 inches (15.2 cm).			
•	Check for damage caused by equipment or heavy rains.				
<ul> <li>Damaged areas should be repaired, fertilized, seeded, and mulched. Tack of down mulch as necessary.</li> </ul>					
<b>Recommended Seed Blends for Tennessee</b>					
Blend		Percent of Blend			
-	<u>1 – May 1</u>	22.221			
<ul><li>Italian Rye</li><li>Korean Lespedeza</li></ul>		<ul><li>33.33%</li><li>33.33%</li></ul>			
Summer Oats		• 33.33%			

CTIVITY: Ten	nporary Seeding	TCP - 05			
	ay 1 – July 15 Sudan – Sorghum Crosses	100%			
	or				
• S	• • • •	100%			
•	<u>7 15 – January 1</u>				
	Salboa Rye•talian Rye•	66.66% 33.33%			
Limitations	<ul> <li>Annual rye grass reseeds itself and may make it di of permanent vegetation.</li> </ul>	fficult to establish a good cover			
	<ul> <li>Uneven seed broadcasting or low application can l erosion.</li> </ul>	ead to patchy growth and			
	<ul> <li>Misapplication of fertilizer or lime could lead to perform the second lead to perform the</li></ul>	ollutant runoff.			
Additional Information	Sheet erosion, caused by the impact of rain on bare soi particles in sediment. To reduce this sediment load in should be protected. The most efficient and economic rill erosion is to establish vegetative cover. Annual pla survive for only one growing season are suitable for es- cover.	runoff, the soil surface itself al means of controlling sheet an ants which sprout rapidly and			
	Temporary seeding may prevent costly maintenance operations on other erosion control systems. For example, sediment basin clean-outs will be reduced if the drainage area of the basin is seeded where grading and construction are not taking place. Perimeter dikes will be more effective if not choked with sediment.				
	Temporary seeding is essential to preserve the integrity of earthen structures used to control sediment, such as dikes, diversions, and the banks and dams of sediment basins.				
	Proper seedbed preparation and the use of quality seed just as in permanent seeding. Failure to carefully follo recommendations will often result in an inadequate sta little or no erosion control.	w sound agronomic			
Primary References	<i>Caltrans Storm Water Quality Handbooks</i> , CDM et.al. for the California Department of Transportation, 1997.				
	Soil Erosion Prevention and Sediment Control – Reducing Nonpoint Source Water Pollution on Construction Sites, University of Tennessee, Knoxville, Department of Civil and Environmental Engineering, August 1998.				
	<i>Tennessee Erosion and Sediment Control Handbook</i> , Tennessee Department of Environment and Conservation, July 1992.				
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	agement Practices – te Management Practices TCP-05-3	202			