

Table 6.3 Temporary Seeding Plant Materials and Minimum Seeding Rate*

Table with 3 columns: Species, Seeding Rate (lbs. per acre), and Plant Characteristics. Lists various species like Oats, Ryegrass, and Legumes with their respective seeding rates and characteristics.

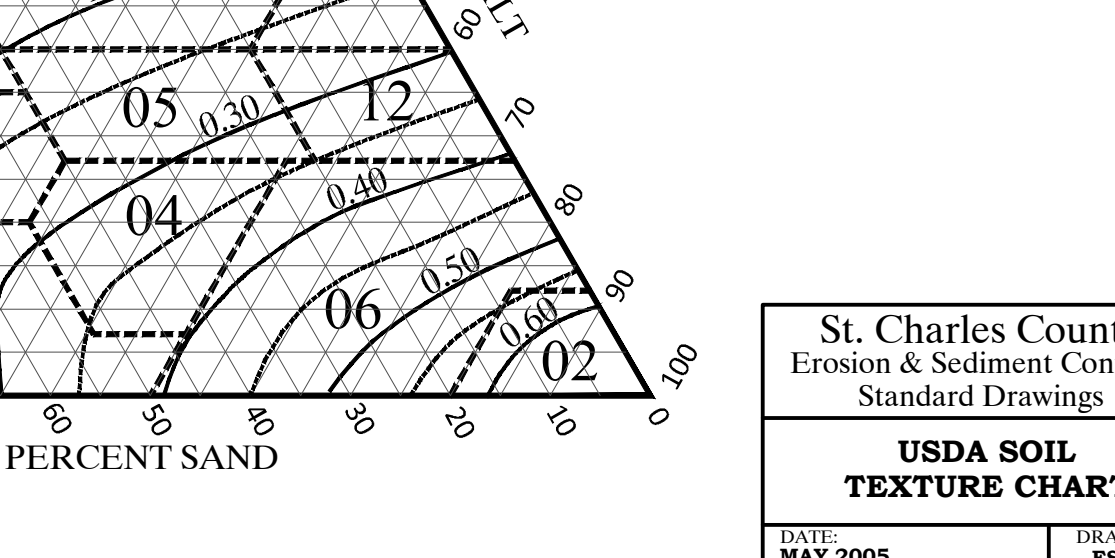
* In Areas receiving less than 30 inches of precipitation, use 75 percent of these rates. ** If there is any possibility the seeding will be required to control erosion for more than one year, then consider the addition of fescue or another permanent species as part of a mixture when seeding.

Table 6.8 Seeding Rates

Table with 2 columns: Species and Missour: Full Seeding Rate (lb./acre (PL)2). Lists various species like Perennial Ryegrass, Kentucky Bluegrass, and various annual ryegrasses with their seeding rates.

1. Note: Rates based on typical construction site conditions where seedbed is normally less than ideal. Planned future use or specific site conditions may dictate an increase or decrease in rates. 2. Legumes alone will not provide adequate erosion protection; use with a grass in a mixture.

SOIL TEXTURE CLASSIFICATION AIR-DRY DENSITY (LBS PER CU FT). Table mapping soil texture (e.g., CLAY, SILT, SAND) to air-dry density values.



USDA SOIL TEXTURE CHART

FINAL SITE STABILIZATION

- 1. ONCE GRADED AREAS ARE CONSTRUCTED TO FINAL GRADES, PERMANENT STABILIZATION SHALL BE ESTABLISHED. 2. THE CONTRACTOR SHALL RESTORE OFF-SITE AREAS DAMAGED BY CONSTRUCTION TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. 3. ALL EROSION CONTROL BMP'S SHALL REMAIN IN PLACE UNTIL THE SITE HAS BEEN PERMANENTLY STABILIZED.

- 1. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS. 2. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE MANUFACTURER'S LABEL.

- 1. SILT FENCING SHALL BE INSPECTED DAILY DURING PERIODS OF RAINFALL. 2. EARTHEN BARRIERS SHALL BE REGULARLY INSPECTED, AND INSPECTED AFTER EACH RAINFALL EVENT.

- 1. ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND SHALL RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.

- 1. ALL ASPHALTIC SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

- 1. THE CONTRACTOR SHALL DEVELOP A CONSTRUCTION SWPPP LOG AT THE START OF CONSTRUCTION.

- 1. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SWPPP LOGS TO ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT.

- 1. THE LOCATION OF A CONSTRUCTION ENTRANCE/EXIT HAS BEEN SHOWN ON THE EROSION CONTROL PLAN.

- 1. THE PROTECTION AREA AROUND TREES SHALL INCLUDE ALL LAND WITHIN THE CANOPY SPREAD. THE CANOPY SHALL REMAIN FREE OF ALL GRADING AND FILLING ACTIVITIES.

- 1. THE PROTECTION AREA AROUND TREES SHALL INCLUDE ALL LAND WITHIN THE CANOPY SPREAD.

- 1. SIGNS SHALL BE USED TO DESIGNATE TREE PROTECTION AREAS.

- 1. SILT FENCE SHALL BE 30 INCHES HIGH.

- 1. SILT FENCE SHALL NOT BE USED FOR CONCENTRATED FLOWS.

- 1. GEOSYNTHETIC REINFORCED SILT FENCE BACKING MAY BE USED IN LIEU OF WIRE MESH.

- 1. THE SWPPP INFORMATION SIGN SHALL BE LOCATED NEAR THE CONSTRUCTION ENTRY TO THE SITE.

- 1. CONSTRUCTION TRAFFIC SHALL COMMERCE WITH GRADING AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT.

- 1. SIGNS SHALL BE USED TO DESIGNATE TREE PROTECTION AREAS.

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GENERAL EROSION AND SEDIMENTATION CONTROL NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE LAND DISTURBANCE PERMIT FROM THE MISSOURI DEPARTMENT OF NATURAL RESOURCES AND ST. CHARLES COUNTY PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. 2. THE CONTRACTOR SHALL KEEP & MAINTAIN A COPY OF THE LAND DISTURBANCE PERMIT, EROSION CONTROL PLAN, AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AT THE PROJECT SITE DURING CONSTRUCTION.

- 1. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS. 2. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE MANUFACTURER'S LABEL.

- 1. SILT FENCING SHALL BE INSPECTED DAILY DURING PERIODS OF RAINFALL. 2. EARTHEN BARRIERS SHALL BE REGULARLY INSPECTED, AND INSPECTED AFTER EACH RAINFALL EVENT.

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SILT FENCE [FP]

- 1. SILT FENCE TO BE ADJUSTED AS NECESSARY FOR CONSTRUCTION ACTIVITY. 2. UNLESS NOTED OTHERWISE, SILT FENCE SHALL BE A WOVEN GEOTEXTILE FABRIC SUCH AS MIRAF 100X OR EQUAL. 3. REFER TO THE SILT FENCE DETAIL FOR INSTALLATION REQUIREMENTS.

- 1. REFER TO THE INLET PROTECTION DETAILS FOR VARIOUS TYPES OF INLET PROTECTION. 2. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY AROUND EACH INLET ONCE INLET CONSTRUCTION IS COMPLETED.

- 1. SEEDING, FERTILIZING AND MULCHING SHALL BE APPLIED AT THE RATES AND TIMES SPECIFIED PER THE MUNICIPALITY'S SPECIFICATIONS.

- 1. ALL AREAS DESTABILIZED DURING CONSTRUCTION, WHICH WILL NOT BE PAVED, SHALL HAVE A MINIMUM OF 4" OF TOPSOIL INSTALLED.

- 1. THE LOCATION OF A CONSTRUCTION ENTRANCE/EXIT HAS BEEN SHOWN ON THE EROSION CONTROL PLAN.

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OWNER CITY OF OFALLON 100 NORTH MAIN STREET OFALLON, MO 63366 836.379.5590

PROJECT TEAM CIVIL ENGINEER PREMIER DESIGN GROUP 100 MIDLAND PARK DRIVE WENTZVILLE, MO 63385 314.925.7444

STRUCTURAL ENGINEER METTMEYER ENGINEERING 2225 W CHESTERFIELD BLVD., SUITE 300 SPRINGFIELD, MO 65807 417.880.8022

MEP ENGINEER HENDERSON ENGINEERS, INC. 8345 LENEXA DR., #300 LENEXA, KS 66214 913.742.5000

REVISIONS table with columns: NO., DESCRIPTION, DATE. Lists various revisions to the drawing.

PROJECT NO: 2207920 DATE: 02/02/2024 DRAWN BY: A. JONES REVIEWED BY: M. FOGARTY

POTENTIAL POLLUTANTS THAT MAY BE FOUND ON SITE DURING CONSTRUCTION:

Table with 3 columns: Material Trade Name, Chemical/Physical Description, Storm Water Pollutants. Lists various materials and their associated pollutants.

PROJECT TITLE O'FALLON PUBLIC WORKS FACILITY PROJECT ADDRESS: 1101 OLD E TERRA LANE OFALLON, MO 63366

EROSION CONTROL DETAILS

LOT AREA: 23.65 ACRES TOTAL DISTURBED AREA: 42.51 ACRES EXISTING RUNOFF COEFFICIENT: 80 PROPOSED RUNOFF COEFFICIENT: 90

NOT RELEASED FOR CONSTRUCTION

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Vertical text on the right margin: 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1

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