**USDA NRCS**
**Grass Seeding**

<table>
<thead>
<tr>
<th>Name</th>
<th>LBR 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal Desc</td>
<td></td>
</tr>
<tr>
<td>County</td>
<td>Marshall</td>
</tr>
<tr>
<td>Program</td>
<td></td>
</tr>
</tbody>
</table>

1. **Type of Seeding**: streambank  
   Meets Practice Code: 322

2. **Seedbed Preparation**:  
   Kind of Seedbed: construction final grade  
   (clean, stubble mulched, etc.)
   - Planned: Kind:  
     Row Spacing:  
     Height:  
   - Applied: Kind:  
     Row Spacing:  
     Height:  
   - **Recommended Seeding Date**: Any  
     **Date Seeded**: __________

   - **Mulch Planned**: Kind: Straw, native or brome hay  
     Rate: 4,000 per acre  
     Date: __________
   - **Mulch Applied**: Kind:  
     Rate: __________  
     Date: __________
   - **Chemical(s) Planned**: None  
     Rate: __________  
     Date: __________
   - **Chemical(s) Applied**: None  
     Rate: __________  
     Date: __________

3. **Fencing**: Required (feet): None  
   Installed (feet): __________  
   Date: __________

4. **Seeding**: See page 2 for seeding mix and fertilizer.
   - **Seeding Method**: Hand or Machine Broadcast
   - **Approved Seeding Dates**: __________ to __________
   - **Acres Seeded and Field Number**: __________  
     **Date(s) Seeded**: __________

**Natural Resources Conservation Service Representative or Technical Service Provider**

<table>
<thead>
<tr>
<th>Layout by</th>
<th>Date: __________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designed by</td>
<td>Date: __________</td>
</tr>
<tr>
<td>Checked by</td>
<td>Date: __________</td>
</tr>
<tr>
<td>Approved by</td>
<td>Date: __________</td>
</tr>
</tbody>
</table>

**Producer's Statement**

The design of this practice has been discussed with me, and I concur with the design.  
**No changes are allowed without the approval of the NRCS Representative or the Technical Service Provider.**

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date: __________</th>
</tr>
</thead>
</table>

Attach a copy of an ArcGIS generated conservation plan map denoting field boundary, field number, land use, acres, and north arrow as per National Planning Procedures Handbook, Part 600.31.
<table>
<thead>
<tr>
<th>Species</th>
<th>Variety</th>
<th>PLS (lbs/acre)</th>
<th>Percent of Mix</th>
<th>Acres</th>
<th>Total PLS (lbs)</th>
<th>Bulk Seeded (lbs)</th>
<th>Percent PLS *</th>
<th>Total PLS Seeded (lbs)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oats</td>
<td>any</td>
<td>100.0</td>
<td>100</td>
<td>1.4</td>
<td>143.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switchgrass</td>
<td>Kanlow or Blackwell</td>
<td>6.0</td>
<td>12</td>
<td>0.72</td>
<td>1.03</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Virginia Wildrye</td>
<td>Omaha</td>
<td>25.0</td>
<td>49</td>
<td>1.4</td>
<td>17.52</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Wheatgrass</td>
<td>Barton or Flintlock</td>
<td>20.0</td>
<td>39</td>
<td>1.4</td>
<td>11.15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grav</th>
<th>Rate per Acre (Available)</th>
<th>Acres</th>
<th>Total Fertilizer Planned (Available) (lbs)</th>
<th>Applied (lbs)</th>
<th>Percent Available</th>
<th>Total Available</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fertilizer**

<table>
<thead>
<tr>
<th>Kind</th>
<th>Rate per Acre (Available)</th>
<th>Acres</th>
<th>Total Fertilizer Planned (Available) (lbs)</th>
<th>Applied (lbs)</th>
<th>Percent Available</th>
<th>Total Available</th>
<th>Remarks</th>
</tr>
</thead>
</table>

* Percent PLS (Pure Live Seed) from seed tag

\[
\text{Percent PLS} = \left( \frac{\% \text{ Germ.} + \% \text{ Firm Seed}}{100} \right) \times \text{Purity} = \frac{\% \text{ Germ.}}{100} + \frac{\% \text{ Firm Seed}}{100} = \% \text{ PLS}
\]

(1) To be obtained from specifications
(2) May be obtained from Plant Materials Technical Notes
(3) Minimum PLS lbs/acre for pure seeding obtained from specifications
(4) To be obtained from specifications after on-site investigation of needs
(5) Multiply columns 3 and 4 and enter in column 5
(6) Acres to be seeded
(7) Multiply columns 5 and 6 and enter in column 7
(8) Enter bulk pounds actually seeded
(9) Enter PLS (pure live seed) obtained from seed tag
(10) Multiply columns 8 and 9 and enter in column 10

**Certification**

This applied practice meets Kansas standards and specifications.

NRCS Representative or Technical Service Provider: ___________________________ Date: ___________________________

This practice has been applied as designed.

Producer: ___________________________ Date: ___________________________
**Name:** LBR 9  
**Legal Desc:**  
**County:** Marshall  
**Soil Map Unit:** 7123  
**Tree/Shrub Suitability Group:**  
1. **Planting Purpose:** Riparian Buffer  
   Meets Practice Code: 322  
2. **Site Preparation:** Tillage X Hand Scalp ____ Chemical ____  
   Chemical Planned _____ Application Rate ____  
   Planned Site Prep Date ______ Applied Site Prep Date ______  
   Notes: Trees and Shrubs shall be planted in final construction graded slope  
3. **Planting Methods:** Tree Planter ____ Hand Plant X ____ Broadcast Seed ____ Drill Seeder ____  
   Planned Planting Date __________ Applied Planting Date __________  
   Notes:  
4. **Post Plant Weed Control:** Mechanical ____ Chemical ____ Fabric ____  
   Chemical Planned None Application Rate ____  
   Fabric Planned (ft) None Fabric Applied (ft) ____  
   Planned Weed Control Date __________ Applied Weed Control Date __________  
   Notes:  
5. **Acres Planted:** (Includes width of maintenance area adjacent to planting)  
   Acres Planned __________ Acres Applied __________  

**Natural Resources Conservation Service (NRCS) Representative or Technical Service Provider**  
**Layout by** __________ Date __________  
**Designed by** __________ Date __________  
**Checked by** __________ Date __________  
**Approved by** __________ Date __________  

**Producer’s Statement**  
The design of this practice has been discussed with me, and I concur with the design.  
No changes are allowed without the approval of the NRCS Representative or the Technical Service Provider  
**Signature** __________ Date __________  

Attach a copy of an ArcGIS generated conservation plan map denoting field boundary, field number, land use, acres, and north arrow as per National Planning Procedures Handbook, Part 600.31.