Grass Seeding

Name: LBR 74
Legal Desc: 
Ident. No: 
County: Washington
Program: 

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

2. Seedbed Preparation: Kind of Seedbed: construction final grade
   Planned: Kind: 
   Row Spacing: 
   Height: 
   Applied: Kind: 
   Row Spacing: 
   Height: 

   Recommended Seeding Date: Any 
   Date Seeded: 

   Mulch Planned: Kind: 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

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.
<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>0.7</td>
<td>74.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swichgrass</td>
<td>Kanlow or Blackwell</td>
<td>6.0</td>
<td>12</td>
<td>0.72</td>
<td>0.53</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>12.25</td>
<td>9.07</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>7.80</td>
<td>5.77</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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</tbody>
</table>

**Forb**

<table>
<thead>
<tr>
<th>Species</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>

<table>
<thead>
<tr>
<th>Fertilizer 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

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

(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 74  
Legal Desc:  
County: Washington  
Soil Map Unit: 7030  
Program:  
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.
Name LBR 74

### Use of Seedlings

<table>
<thead>
<tr>
<th>Row No.</th>
<th>Species</th>
<th>Kind of Stock**</th>
<th>Length of Row (ft.)</th>
<th>Within Row Spacing (ft.)</th>
<th>Distance Between This Row and the Next (ft.)</th>
<th>Number of Seedlings Per Row</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Planned</td>
<td>Actual</td>
<td>Planned</td>
</tr>
<tr>
<td>1*</td>
<td>Willow</td>
<td>CU</td>
<td>650</td>
<td>1</td>
<td>6</td>
<td>650</td>
</tr>
<tr>
<td>2</td>
<td>Cottonwood</td>
<td>BR</td>
<td>650</td>
<td>8</td>
<td>8</td>
<td>81.25</td>
</tr>
<tr>
<td>3</td>
<td>Sycamore</td>
<td>BR</td>
<td>650</td>
<td>8</td>
<td>8</td>
<td>81.25</td>
</tr>
<tr>
<td>4</td>
<td>American Plum</td>
<td>BR</td>
<td>650</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** BR = Bare Root; CO = Containerized; CU = Cutting

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** Total Number of Seedlings by Species

<table>
<thead>
<tr>
<th>Species</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Planned</td>
</tr>
<tr>
<td>Willow</td>
<td>650</td>
</tr>
<tr>
<td>Cottonwood</td>
<td>75</td>
</tr>
<tr>
<td>Sycamore</td>
<td>75</td>
</tr>
<tr>
<td>American Plum</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>250</td>
</tr>
</tbody>
</table>

Notes: ____________________________

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### Direct Seeding

<table>
<thead>
<tr>
<th>Row No.</th>
<th>Species</th>
<th>Acres to be Planted</th>
<th>Planned Pounds of Seed/Acre</th>
<th>Total Pounds of Seed</th>
<th>Applied Pounds of Seed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>4</td>
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<td>0.0</td>
<td>0.0</td>
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<tr>
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<tr>
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<tr>
<td>7</td>
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<tr>
<td>9</td>
<td></td>
<td></td>
<td>0.0</td>
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</table>

* Row No. 1 is always on the north or west side for windbreak/shelterbelt plantings and always nearest streamside for riparian forest buffer plantings. If direct seed broadcasting is the method used for establishment, disregard the Row No. column.

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** Certification**

This applied practice meets Kansas standards and specifications. This practice has been applied as designed.

NRCS Representative or Technical Service Provider ____________________________

Date ____________________________ Producer ____________________________ Date ____________________________
Name:  LBR 74
Ident. No:  Vegetated Geogrid

Legal Desc:  
Program:  

County:  Washington  Soil Map Unit:  7030  Tree/Shrub Suitability Group:  

1. Planting Purpose:  Riparian Buffer
(i.e., windbreak/shelterbelt, riparian forest, living snowfence)
               Meets Practice Code:  322 -

2. Site Preparation:  Tillage  X  Hand Scalp  _____  Chemical  _____
                      Planned Site Prep Date  Applied Site Prep Date
                      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  _____
                         Planned Weed Control Date  Applied Weed Control Date
                         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

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<tr>
<td>1*</td>
<td>Cottonwood BR</td>
<td>500</td>
<td>8</td>
<td>2</td>
<td></td>
<td>62.5</td>
</tr>
<tr>
<td>2</td>
<td>Cottonwood BR</td>
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<td>8</td>
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<tr>
<td>4</td>
<td>Sycamore BR</td>
<td>500</td>
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<td>62.5</td>
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<td>200</td>
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Notes:

Certification

This applied practice meets Kansas standards and specifications.

NRCS Representative or Technical Service Provider

This practice has been applied as designed.

Producer

Date