FABRIC CHECKS FOR WATERWAYS

PLAN VIEW

SECTION A-A

WATERWAY NUMBER ...........................................
FROM STATION ...............................................
TO STATION ..................................................
CHECK SPACING (X) .........................................
CHECK WIDTH (2/3 TW) ......................................

BILL OF MATERIALS
Filter Fabric __ Sq. Yds.
( ___ Pieces, @ ___ In. x 30 In.)

NOTES:
1. Excavate a trench 18 inches deep, wide
   enough to allow hand compaction of backfill.
2. Place the fabric against the upstream wall
   of the trench. Backfill the trench in hand
   compacted, 6 inch lifts. Lay 12 inch
   fabric flap downstream.

LOCATION PLAN

County

Sec. ___ T ___ R ___

REFERENCE
Project
Designed Date
Checked Date
Approved Date

NRCS
Natural Resources Conservation Service

STANDARD DWG. NO.
IL-542

SHEET 1 OF 2
DATE 8-17-94
FABRIC CHECKS FOR WATERWAYS

FABRIC CHECK SPACING (FT.)

<table>
<thead>
<tr>
<th>WATERWAY GRADE %</th>
<th>MAXIMUM SPACING FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1.5</td>
<td>100</td>
</tr>
<tr>
<td>1.5 - 3.0</td>
<td>75</td>
</tr>
<tr>
<td>&gt; 3.0</td>
<td>50</td>
</tr>
</tbody>
</table>

FABRIC QUANTITIES PER CHECK IN SQUARE YARDS

<table>
<thead>
<tr>
<th>CHECK LENGTH (FT.)</th>
<th>15</th>
<th>18</th>
<th>21</th>
<th>24</th>
<th>27</th>
<th>30</th>
<th>33</th>
<th>36</th>
<th>39</th>
</tr>
</thead>
<tbody>
<tr>
<td>FABRIC QUANTITY (SQ. YDS)</td>
<td>4.2</td>
<td>5.0</td>
<td>5.8</td>
<td>6.7</td>
<td>7.5</td>
<td>8.3</td>
<td>9.2</td>
<td>10.0</td>
<td>10.8</td>
</tr>
</tbody>
</table>

FILTER FABRIC SPECIFICATION

1. Openings in filter fabric shall be equal to or smaller than the openings in a #40 sieve (0.42mm).
2. Filter fabric shall have a tear strength in excess of 50 pounds.