### General Notes
1. Silf fence or straw bale dike shall be placed a minimum of 3.0m from toe of slope to minimize erosion area per sediment storage and facilitate maintenance of sediment containment area.
2. Posts may be 3.2 x 3.2cm hardwood, 3.8 x 8.9cm softwood, or aluminum aluminum. Posts shall be installed in the ground and the fence shall be as described on the department approved list for silf fence.
3. Posts for fence shall be installed with cut ends vertical, and bales buried a minimum of 100mm.
4. The bottom edge of silf fence shall be buried a minimum of 12mm below ground. The fence shall be installed with the posts on the downstream side of the fabric.
5. Measures shall be inspected every seven (7) calendar days or after each rainfall as required.
6. Sediment shall be removed when accumulation reaches one-half of the measure height. Sediment shall be disposed of as unsuitable material.
7. Silf fence or straw bale dike shall not be used in or across a flowing natural channel, or areas of concentrated flow.
8. The bottom and maximum slope lengths to these measures:

<table>
<thead>
<tr>
<th>Slope</th>
<th>Slope Length</th>
<th>Base Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>15</td>
<td>24</td>
</tr>
<tr>
<td>NW</td>
<td>22</td>
<td>33</td>
</tr>
<tr>
<td>WK</td>
<td>30</td>
<td>57</td>
</tr>
</tbody>
</table>

9. Installation, including excavation, placement, and compaction of straw bale fiber and silf fence shall be included in the unit price bid for item.

### Section

**Silt Fence - Temporary**

- Post centers in bales and through flow
- Bales trimmed and fitted into slope
- Erosion control by silf fence fabric and bales (contact excavated earth)
- Retain existing vegetation if possible

**Straw Bale Dike - Temporary**

- Bales trimmed end to end
- Bales fitted end to end
- Post centers in bales and through flow
- Bales trimmed and fitted into slope
- Erosion control by silf fence fabric and bales (contact excavated earth)
- Retain existing vegetation if possible

### Silt Fence Measures

- 3.0m minimum (see note 1)
- Maximum dike to tributary of 30m shall be 0.2 Ha.
- Maximum dike to tributary of 30m shall be 0.2 Ha.
- Drainage areas:

  - Maximum slope length to 10m of silf fence may be 50m.
  - Maximum slope length to 30m of silf fence shall be 45m.

### Linear Measures

- All dimensions in millimeters unless otherwise noted

### Application Notes

1. The primary purpose of a silf fence or straw bale dike is to reduce runoff velocity and trap sediment. Velocity is reduced, water is impounded behind the measure, and sediment falls out of suspension.
2. The fence or straw bale fence shall be installed on a line of equal elevation. This line may be the base of intermittent lines of slopes as well as by the bottom, as shown in the details.
3. Straw bale fence or silf fence shall not be used in or across a flowing natural channel, or areas of concentrated flow.