



# SILT FENCE FIELD GUIDE

## Purpose

This guide provides general guidance for proper installation and maintenance of silt fence used for erosion prevention and sediment control (EPSC) on construction sites within the City of Berea.

## Proper Installation

- Fabric trenched at least 6 inches into the ground
- Stakes installed on the downhill side
- Fabric attached on the uphill side of stakes
- Fence installed along slope contours

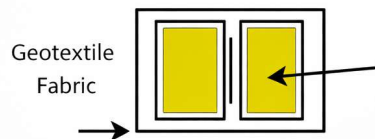
## Proper Placement

- Installed below disturbed soil areas
- Run along contour lines
- Ends turned uphill to form J-hooks
- Use multiple barriers on long slopes

## Maintenance

- Inspect after rain events and regularly during construction
- Repair damaged or sagging sections
- Remove sediment when it reaches halfway up the fence
- Reinforce areas with heavy runoff if needed

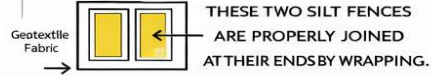
## SILT FENCE – EDGE JOINING



THESE TWO SILT FENCES ARE PROPERLY JOINED AT THEIR ENDS BY WRAPPING.

## SILT FENCE INSTALLATION

- Note the location & extent of 'bare soil area.
- Mark silt fence location just below bare soil area.
- Make sure fence will catch all flows from area.
- Dig trench **6 inches** deep across slope.
- Unroll silt fence along trench.
- Stake fabric overlap around stakes to join fencing.
- Make sure stakes drive into the downhill side of fence.
- Push fabric into trench and backfill, burying at least 6 inches.



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### PROPER PLACEMENT & MAINTENANCE

- Silt fences should be:
  - Up and down hills,
  - Above (uphill from) areas of bare soil,
  - In ditches, channels, or streams.
- **Inspect regularly.**
- After significant **rainfall.**
- Repair as **needed.**
- $\frac{1}{2}$  the fence height height.

#### DO NOT INSTALL SILT FENCING:

- Up and down hills,
- Above (uphill from) areas of bare soil,
- In ditches, channels, or streams.

## Contact Information

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