(a) Filter tube barrier with earth embankment

Ribbed pipe to prevent pipe movement

Embankment (rock or earth fill)

Filter cloth wrapped over embankment

Flow

Open weave screen placed over inlet to exclude aquatic life

(b) Filter tube integrated into a sediment weir

Ribbed pipe to prevent pipe movement (optional)

Rock filter dam

Filter cloth wrapped over the dam

Flow

Open weave screen placed over pipe inlet to exclude aquatic life

(c) Filter tube integrated into a rock filter dam

Ribbed pipe to prevent pipe movement (optional)

Sandbags

Filter cloth wrapped over the sandbags

Flow

Open weave screen placed over inlet to exclude aquatic life

(d) Filter tube integrated into a modular sediment barrier

Ribbed pipe to prevent pipe movement (optional)

Embankment (rock or earth fill)

Filter cloth wrapped over embankment

Two or more parallel wire mesh fences

One or more layers of filter cloth

Open weave screen placed over pipe inlet to exclude aquatic life

(e) Filter tube barrier with sandbag embankment

One or more filter tubes

200 mm (min)

300 mm (ideal)

Clean sand or aggregate

Heavy-duty filter cloth

One or more filter tubes

Open weave screen placed over pipe inlet to exclude aquatic life

Stakes each side of modular units

Splashes pad may be required to control scour

One or more layers of filter cloth

15 to 25 mm aggregate (preferred)