



# ConservationONTARIO

Ontario's 36 Conservation Authorities



## Sediment and Erosion Control Measures CA Perspective

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- Erosion and Sedimentation
  - The loss of soil structure and movement of modified or meliorated soils and sediments which negatively affect the form and function of downstream waterways and or landforms.



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## Slumped embankment



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- Eroded shoulder and embankment



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- Sedimentation during winter runoff



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- Creative sidecasting



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- Naturally occurring rip-rap



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- Buffer strip ???



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- Excavate in the rain to follow the water grade



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- What ? I used filter cloth.



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- We did selective brushing, flailed the rest



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- I thought you wanted the spill removed?



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- Modified erosion protection and buffer



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- Rip- Rap on filter placed on bends



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## Conservation ONTARIO

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- Erosion and Sediment control
  - If soil is recently excavated and unvegetated it will erode quicker than weathered soils
  - Excavations should be treated while still moist to ensure germination
  - Freeze thaw cycles will increase erodibility of soils
  - OPSD are guidelines subject to change

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# Watershed Connections

