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2019 TRIECA Conference

A Little Obsessed:

Your Guide to Dominating Construction Erosion

March 20, 2019





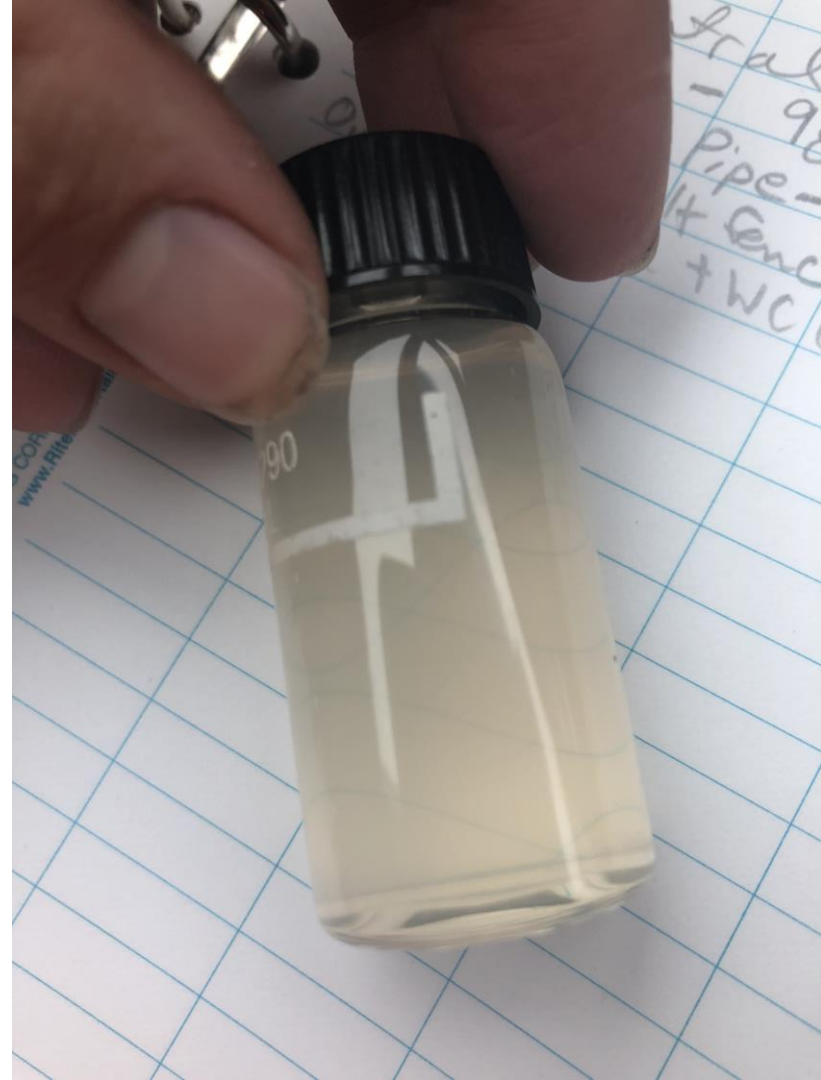
Presentation Outline

- Context
- Challenges
- Thought process
- Examples
- Conclusions

Context

- Release of sediment is an offense under:
 - *The Fisheries Act*
 - *The Environmental Protection Act*
 - *The Ontario Water Resources Act*
- CEQG Acute LEL increase 25 mg/L (8NTUs)
- CEQG Chronic LEL increase 5 mg/L (2 NTUs)
- 47 active construction sites in Halton Hills alone

March 20, 2019



Challenges

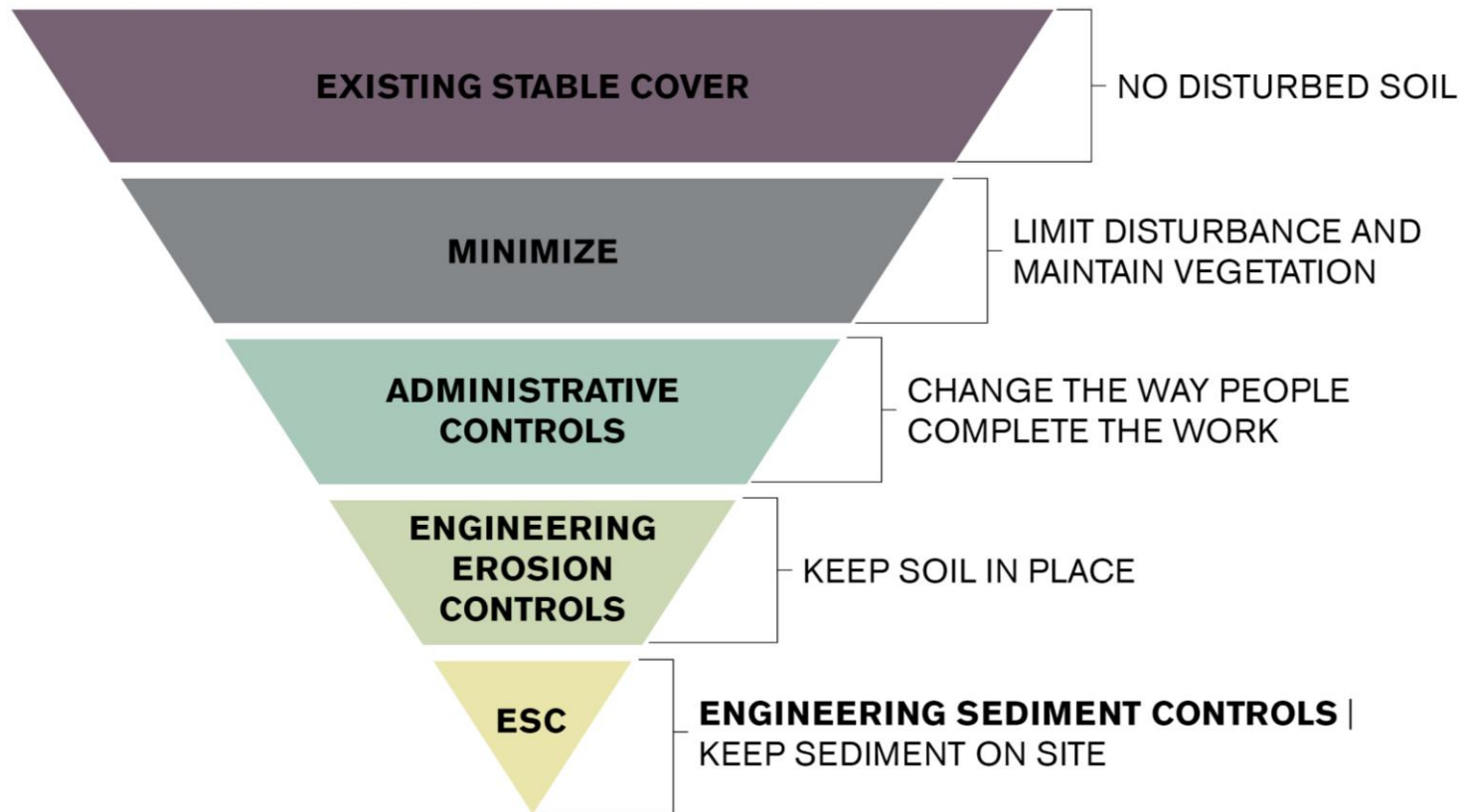
- Changing the “no issue” mindset;
- Addressing minor ESC issues;
- Fostering collaborative teams;
- Communicating the value of excellent ESC management;
- Building capacity; and
- Sharing knowledge and experience.



Thought Process

Proposed hierarchy

HIERARCHY OF CONTROL





Thought Process

Examples: Developing an eye for erosion and sedimentation





































































Conclusions

- Think about ESC from the start and through the progressive phases;
- Adaptation and responsiveness to changing needs of the site;
 - Learn the flow patterns on the site;
 - Check depositional areas first; and
 - Track sediment back to source.
- Document commitment to maintaining and improving ESC management;
- Aspire to perfect ESC management; and,
- Keep the ESC conservation going with all site staff.

Thank you

Michelle Letourneau

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TOM HILDITCH, PRESIDENT/CEO

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