

# I'm Inside Wallberg, Now What?

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In Partnership with:

**Toronto** **Inspection** LTD.  
G E O - E N V I R O N M E N T A L   C O N S U L T A N T S



# A Little Bit About Myself...

- HBSc at UTSC (2015-2019)

Specialist Environmental Chemistry, Specialist Environmental Geoscience & Minor Economics

- MEng at UofT (2019-2021)

Project with Dr. Elodie Passeport, WEAO UofT Chapter, Nine Environmentally Related Graduate and A Bunch of *Undergraduate Courses (I will get into this later on)*

- Project Manager Since Late August, Coordinate Our Hydrogeology and Environmental Services



# Agenda

- 1. Your potential
- 2. Things to do at school
- 3. Things to do during job search
- 4. Things to do at work



# What can I do with an MEng?

- Engineering Consulting
- Management Consulting
- Operation / Production
- QA / QC
- Commercial Labs
- Government or Regulators
- Research (Academic or Commercial)
- Financial Institutes
- and Anything You WANT!



## *Things To Do At School*



UNIVERSITY OF TORONTO  
FACULTY OF APPLIED SCIENCE & ENGINEERING



# Learn Regulations in School!

- O.Reg 153/04, O.Reg 406/19, Environmental Protection Act, Municipal Bylaws
- QP ESA & QP RA
- PEng/EIT (R.S.O. 1990, c. P.28)
- PGeo/GIT (R.S.O. 2000, c. 13)



# Qualified Person(s) – Environmental Site Assessment

(2) A person meets the qualifications to be a qualified person for the purposes of subsection (1) if,

(a) the person holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, or

(b) the person holds a certificate of registration under the *Professional Geoscientists Act, 2000* and is a practising member, temporary member or limited member of the Association of Professional Geoscientists of Ontario. O. Reg. 66/08, s. 2.



# Qualified Person(s) – Risk Assessment

- (a) the person holds a bachelor's degree in science, engineering or applied technology from a post-secondary institution;
- (b) the person has experience in the conduct or supervision of environmental site assessments, or in the conduct, supervision or review of assessment of risk described in clause (c), or in any combination of both, as follows:
  - (i) if the person holds a doctoral degree in science or engineering from a university, five years' experience,
  - (ii) if the person holds a master's degree in science or engineering from a university, seven years' experience,
  - (iii) in any other case, eight years' experience; and
- (c) within the period of experience required by clause (b), the person has two years' experience,
  - (i) in the conduct or supervision of an assessment of risk, or
  - (ii) in the technical or scientific review of an assessment of risk on behalf of a public authority. O. Reg. 153/04, s. 6 (1).





## Other Stuff

- EP/EPt
- EP Compliance Environmental Auditor
- EP Environmental Management System Lead Auditor
- LEED GA/AP
- CChem



# Take Courses While You Still Can

- 1. Get yourself that EIT/GIT, or any other license which you are pursuing
- 2. Become an expert in a subject matter
- 3. Learn about the world and find your passion



# Try to Learn about the Real World

- 1. Co-op / Internships
- 2. Research Projects
- 3. Industry Focused Courses
- 4. Case / professional competitions



# *Things To Do During Job Search*





# Networking

- 1. Get to know the industry
- 2. Have a seasoned opinion on your resume / cover letter
- 3. Potentially get a referral
- 4. Talk to some people and relieve that stress



# Keep Trying

- 1. Never give up
- 2. Don't be afraid to ask
- 3. Show your eager
- 4. Ignore your dignity



## *Things To Do At Work*





## Do Well

- 1. Stay safe
- 2. Don't screw-up
- 3. Communicate
- 4. Understand
- 5. Make notes and summary on how to improve
- 6. Take initiative and keep a **functioning brain** at all time





# Do More, After Do Well

- 1. Coach others
- 2. How to optimize the process (quality, budget, efficiency)
- 3. Learn the job one step higher than yours
- 4. Learn the same level job in another group



As a professional, you should always:

**Be respectful**

**Be responsible**

**Be reliable**

**and**

**Be the light in the darkness**

“If you no longer go for a gap which exists, you are no longer a racing driver” – Ayrton Senna

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